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*ЭКСПЕДИЦІЯ ИМПЕРАТОРСКАГО РУССКАГО ГЕОГРАФИЧЕСКАГО ОБЩЕСТВА.*
*EXPEDITION DER KAISERL. RUSSISCHEN GEOGRAPHISCHEN GESELLSCHAFT.*

# ТРУДЫ РУССКОЙ ПОЛЯРНОЙ СТАНЦІИ НА УСТЬѢ ЛЕНЫ.

## ЧАСТЬ II. МЕТЕОРОЛОГИЧЕСКІЯ НАБЛЮДЕНІЯ

ОБРАБОТАННЫЯ **А. Г. ЭЙГНЕРОМЪ.**

## Выпускъ I. НАБЛЮДЕНІЯ ЗА 1882–1883 ГОДЪ

ИЗДАННЫЯ ПОДЪ РЕДАКЦІЕЮ **Р. Э. ЛЕНЦА.**

СЪ ПРИЛОЖЕНІЕМЪ ОДНОГО ВИДА, СЕМИ ДІАГРАММЪ, ОДНОЙ КАРТЫ И ОДНОГО ПЛАНА.

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# BEOBACHTUNGEN DER RUSSISCHEN POLARSTATION AN DER LENAMÜNDUNG.

## II. THEIL. METEOROLOGISCHE BEOBACHTUNGEN

BEARBEITET VON **A. EIGNER.**

## I. LIEFERUNG. BEOBACHTUNGEN VOM JAHRE 1882–1883

HERAUSGEGEBEN UNTER REDACTION VON **R. LENZ.**

MIT EINER ANSICHT, SIEBEN DIAGRAMMEN, EINER KARTE UND EINEM PLANE.

**1886.**

## ОТЪ РЕДАКЦІИ.

Этотъ томъ представляетъ первый выпускъ трудовъ Русской полярной станціи въ устьѣ рѣки Лены на островѣ Сагастырь. О планѣ изданія и обработкѣ наблюденій имѣемъ сообщить слѣдующее.

Все изданіе составить три тома. Въ первый томъ войдутъ наблюденія надъ земнымъ магнетизмомъ, во второй, котораго первый выпускъ вмѣстѣ съ этимъ появляется, метеорологическія наблюденія, третій будетъ заключать въ себѣ наблюденія факультативныя (необязательныя для станціи), между которыми будутъ помѣщены многочисленныя и обстоятельныя наблюденія надъ полярными сіяніями. Метеорологическія наблюденія, хотя появляются ранѣе другихъ, тѣмъ не менѣе составляютъ второй томъ изданія потому, что къ первому тому предполагается приложить подробное предисловіе, съ изложеніемъ историческаго хода предпріятія; составленіе же этого предисловія потребуетъ не мало времени, а поэтому откладывается до тѣхъ поръ, пока наблюденія не будутъ изготовлены къ печати.

Оба первые тома будутъ состоять каждый изъ двухъ выпусковъ, которые появятся раздѣльно. Первые выпуски будутъ содержать

## VON DER REDACTION.

Mit diesem Bande erscheint die erste Lieferung der Arbeiten der russischen Polarstation an der Lenamündung auf der Insel Ssagastyr. Ueber den Plan des Werkes und über die Bearbeitung des Beobachtungsmaterials soll Folgendes mitgetheilt werden.

Das ganze Werk wird drei Bände umfassen. Den ersten werden die erdmagnetischen Beobachtungen bilden, den zweiten, von welchem hier die erste Lieferung erscheint, die meteorologischen, der dritte Band endlich wird die facultativen Beobachtungen enthalten, in welchem auch die häufig und sorgfältig beobachteten Polarlichter Platz finden sollen. Der Umstand, dass die meteorologischen Beobachtungen, obgleich sie früher erscheinen, doch den zweiten Band des Werkes bilden, findet seine Erklärung darin, dass dem ersten Bande ein eingehendes Vorwort vorausgeschickt werden soll, in welchem der historische Theil des Unternehmens besprochen werden wird. Die Abfassung dieses Vorworts verlangt nicht wenig Zeit und wird daher aufgeschoben, bis alles Beobachtungsmaterial druckfertig gemacht ist.

Die beiden ersten Theile des Werkes werden jeder aus zwei Lieferungen bestehen, die getrennt erscheinen sollen. Jede erste Lie-

результаты наблюденій за 1882—1883 годъ, вторые же за 1883—1884 годъ. При такомъ способѣ изданія, наблюденія перваго года, представляющіяся особый интересъ, могутъ быть скорѣе всего опубликованы. Къ сожалѣнію, печатаніе изданія замедлилось, такъ какъ обработкой наблюденій были заняты только два лица, количество же матеріала весьма значительно.

Два члена экспедиціи раздѣлили между собою трудъ обработки матеріала такимъ образомъ, что Н. Д. Юргенсъ принялъ на себя вычисленіе магнитныхъ, а А. Г. Эйгнеръ метеорологическихъ наблюденій. Третій участникъ Ленской экспедиціи д-ръ А. А. Бунге не могъ принять участія въ этой работѣ, такъ какъ на его долю выпало почетное порученіе Императорской Академіи Наукъ руководить экспедиціей, снаряженной для изслѣдованія Ново-сибирскихъ острововъ.

Относительно обработки матеріала остается замѣтить, что она выполнена съ величайшей заботливостью. Чтобы избѣжать опечатокъ, всѣ корректуры выдержаны дважды: одинъ разъ вычислителемъ, затѣмъ мною и притомъ оба раза по оригиналу.

**Р. Ленцъ.**

ferung wird die Beobachtungsresultate des Jahres 1882—1883 enthalten, jede zweite die von 1883 — 1884. Auf diese Weise können die Beobachtungen des ersten Jahres, die ganz besonderes Interesse beansprechen, am schnellsten erscheinen. Es hat sich die Herausgabe des Werkes leider verzögert, weil die Beobachtungen nur von zwei Personen berechnet werden konnten, das Beobachtungsmaterial aber sehr gross ist.

In die Bearbeitung der Beobachtungen haben sich zwei Mitglieder der Expedition derart getheilt, dass Herr Jürgens die erdmagnetischen, Herr Eigner die meteorologischen Beobachtungen zur Bearbeitung übernommen hat. Dr. Bunge hat sich an den Berechnungen nicht betheiligen können, weil ihm von Seiten der Academie der Wissenschaften der ehrenvolle Auftrag zu Theil geworden ist, eine Expedition nach den neusibirischen Inseln zu führen.

In Bezug auf die Bearbeitung des Materials ist noch zu bemerken, dass dieselbe mit grösster Sorgfalt ausgeführt worden ist; zur Vermeidung von Druckfehlern sind alle Correcturen doppelt geführt worden, einmal vom Bearbeiter des Materials und dann von mir, und zwar beide Male nach dem Originaltext.

**R. Lenz.**

Русская полярная станція Сагастырь.

Фототипія В. Класенъ, С.П.Б. Вас. Остр., Кадетская лин. №7-2

Russische Polarstation Ssagastyr.

ЭКСПЕДИЦІЯ ИМПЕРАТОРСКАГО РУССКАГО ГЕОГРАФИЧЕСКАГО ОБЩЕСТВА.
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21202

1886.

*ЗАМѢЧАННАЯ ОПЕЧАТКА:*

Стр. 139. Средняя облачность для лѣта 8.0 вмѣсто напечатанной 8.2.

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*BEMERKTER DRUCKFEHLER:*

Seite 139. Mittlere Bewölkung für den Sommer 8.0 statt angegebener 8.2.

ТИПОГРАФІЯ ИМПЕРАТОРСКОЙ АКАДЕМІИ НАУКЪ (ВАС. ОСТР., 9 ЛИН., № 12).

# ВВЕДЕНІЕ.

Предлежащій томъ содержитъ, обязательныя для всѣхъ международныхъ полярныхъ станцій, метеорологическія наблюденія русской полярной станціи въ устьѣ рѣки Лены съ 1-го Сентября 1882 года по 31-ое Августа 1883 г. и съ 1-го Сентября 1883 по 6-ое Іюля 1884 года.

При производствѣ этихъ наблюденій Ленская станція строго держалась программы, установленной на 3-ей международной полярной конференціи (въ С.-Петербургѣ въ 1881 г.); но назначенный для начала наблюденій срокъ — 1-ое Августа — не могъ быть соблюденъ по не зависѣвшимъ отъ станціи причинамъ, изложеннымъ въ общемъ предисловіи къ этому изданію.

Прежде чѣмъ сообщить результаты наблюденій, помѣщаемъ здѣсь необходимыя свѣдѣнія объ инструментахъ, которыми была снабжена станція.

Для метеорологическихъ наблюденій въ распоряженіи экспедиціи находились слѣдующіе приборы:

| | | | | | | |
|---|---|---|---|---|---|---|
| Ртутный | термометръ | Гейслера | № | 212 | раздѣл. черезъ | 1/5 |
| » | | Гейслера | » | 439 | » | 1/5 |
| » | | Гейслера | » | 439* | » | 1/5 |
| » | | Гейслера | » | 18 | » | 1/5 |
| » | | Гейслера | » | 18* | » | 1/5 |
| » | | Фуса | » | 294 | » | 1/5 |
| » | | Фуса | » | 253 | » | 1/5 |
| » | | Фуса | » | 284 | » | 1/5 |
| » | | Фуса | » | 259 | » | 1/5 |



# EINLEITUNG.

Vorliegender Band enthält die für alle internationalen Polarstationen obligatorischen meteorologischen Beobachtungen der russischen Polarstation an der Lenamündung für den Zeitraum vom 1. September 1882 bis 31. August 1883 und vom 1. September 1883 bis zum 6. Juli 1884.

Bei Ausführung dieser Beobachtungen hat sich die Lenastation strenge an das auf der 3. internationalen Polarconferenz (St. Petersburg 1881) festgesetzte Programm gehalten; nur konnte sie den in Aussicht gestellten Anfangstermin vom 1. August nicht einhalten, aus Gründen, die nicht von der Station abhingen und über welche in der allgemeinen Einleitung zu diesem Werke die Rede ist.

Bevor die Resultate der Beobachtungen mitgetheilt werden, soll das über die Instrumente nothwendig zu sagende vorausgeschickt werden.

Zu meteorologischen Beobachtungen verfügte die Expedition über folgende Instrumente:

| | | | | | | |
|---|---|---|---|---|---|---|
| Quecksilberthermometer | | Geisler | № | 212 | getheilt in | 1/5 |
| » | | Geisler | » | 439 | » | 1/5 |
| » | | Geisler | » | 439* | » | 1/5 |
| » | | Geisler | » | 18 | » | 1/5 |
| » | | Geisler | » | 18* | » | 1/5 |
| » | | Fuess | » | 294 | » | 1/5 |
| » | | Fuess | » | 253 | » | 1/5 |
| » | | Fuess | » | 287 | » | 1/5 |
| » | | Fuess | » | 259 | » | 1/5 |

| | | | | | |
|---|---|---|---|---|---|
| Ртутный термометръ | Фуса | № | 286 | раздѣл. черезъ | 1/5 |
| » | Фуса | » | 389 | » | 1/5 |
| » | Фуса | » | 390 | » | 1/5 |
| » | Фуса | » | 388 | » | 1/5 |
| » | Фуса | » | 381 | » | 1/5 |
| » | Фуса | » | 381* | » | 1/5 |
| » | Бодена | » | 7142 | » | 1/1 |
| Спиртовый термометръ | Фуса | » | 179 | » | 1/2 |
| » | Фуса | » | 186 | » | 1/2 |
| » | Фуса | » | 193 | » | 1/2 |
| » | Фуса | » | 182 | » | 1/2 |
| » | Фуса | » | 199 | » | 1/2 |
| » | Фуса | » | 187 | » | 1/2 |
| » | Фуса | » | 194 | » | 1/2 |
| » | Бодена | » | 7141 | » | 1/1 |
| Термометръ при барометрѣ | Турретини | № | 29 | » | 1/1 |
| » » | Турретини | » | 57 | » | 1/1 |
| » » | Фуса | » | 70 | » | 1/1 |
| » » | Фуса | » | 64 | » | 1/1 |
| » » | Паррота | » | | » | 1/1 |

Металлическій термометръ.

Два термометра для измѣренія температуры воды, раздѣленные черезъ 1/2.

Два волосныхъ гигрометра № 290 и № 291.

Гигрометръ Реньо; термометры при немъ раздѣлены черезъ 1/5.

Два барометра Турретини № 29 и № 57.

Два барометра Фуса № 46 и № 70.

Барометръ Паррота.

Два анероида Ноде № 94 и № 152.

Два анемометра Казелла № 309 и № 310.

Анемометръ Гагемана.

Главный флюгеръ.

Флюгеръ съ силомѣрной пластинкой.

Эвапориметръ конструкціи Вильда.

Два дождемѣра.

Вѣсы Мора.

Всѣ перечисленные приборы были пріобрѣтены при посредствѣ Главной Физической Обсерваторіи въ С.-Петербургѣ, за исключеніемъ барометра Паррота, предоставленнаго экспедиціи Физическимъ Кабинетомъ Технологическаго Института. Главная Физическая Обсерваторія любезно приняла на себя также повѣрку инструментовъ и сообщила экспедиціи слѣдующія таблицы поправокъ:

| | | | | | |
|---|---|---|---|---|---|
| Quecksilberthermometer | Fuess | № | 286 | getheilt in | 1/5 |
| » | Fuess | » | 389 | » | 1/5 |
| » | Fuess | » | 390 | » | 1/5 |
| » | Fuess | » | 388 | » | 1/5 |
| » | Fuess | » | 381 | » | 1/5 |
| » | Fuess | » | 381* | » | 1/5 |
| » | Baudin | » | 7142 | » | 1/1 |
| Weingeistthermometer | Fuess | » | 179 | » | 1/2 |
| » | Fuess | » | 186 | » | 1/2 |
| » | Fuess | » | 193 | » | 1/2 |
| » | Fuess | » | 182 | » | 1/2 |
| » | Fuess | » | 199 | » | 1/2 |
| » | Fuess | » | 187 | » | 1/2 |
| » | Fuess | » | 194 | » | 1/2 |
| » | Baudin | » | 7141 | » | 1/1 |
| Thermometer am Barometer | Turretini | № | 29 | » | 1/1 |
| » » | Turretini | » | 57 | » | 1/1 |
| » » | Fuess | » | 70 | » | 1/1 |
| » » | Fuess | » | 64 | » | 1/1 |
| » » | Parrot | » | | » | 1/1 |

Metallthermometer

Zwei Thermometer für Wassertemperaturen getheilt in 1/2.

Zwei Haarhygrometer № 290 und 291.

Regnaults Condensationshygrometer, Thermometer getheilt in 1/5.

Zwei Barometer Turretini № 29 und 57.

Zwei Barometer Fuess № 46 und 70.

Barometer Parrot.

Zwei Aneroïdbarometer Naudet № 94 und № 152.

Zwei Anemometer Casella № 309 und 310.

Anemometer Hagemann.

Haupt-Windfahne.

Windfahne mit Stärkeplatte.

Evaporimeter nach Wilds Construction.

Zwei Regenmesser.

Eine Waage nach Mohr.

Sämmtliche hier angeführten Instrumente waren durch Vermittlung des physicalischen Central-Observatoriums in St. Petersburg beschafft, mit Ausnahme des Parrot'schen Barometers, welches vom physicalischen Cabinet des Technologischen Instituts geliehen worden war. Das Central-Observatorium übernahm auch gefälligst die Prüfung der Instrumente und übergab der Expedition folgende Correctionstabellen für dieselben:

Поправка термометровъ. — Correction der Thermometer.

| $t$ | 389 | 212 | 439 | 439* | 18 | 18* | 179 | 186 | 294 | 253 | 7141 | 7142 | 287 | 259 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —40 | — | — | — | — | —0.51 | —0.73 | — | — | — | — | — | — | — | — |
| —30 | — | — | — | — | —0.48 | —0.67 | — | — | — | — | — | — | — | — |
| —20 | —0.29 | —0.33 | —0.21 | —0.18 | —0.43 | —0.56 | —0.45 | —0.45 | +0.08 | +0.01 | —1.47 | +0.83 | —0.03 | +0.36 |
| —10 | —0.15 | —0.28 | —0.15 | —0.12 | —0.40 | —0.48 | —0.30 | —0.35 | +0.04 | +0.05 | —0.78 | +0.86 | —0.02 | +0.20 |
| 0 | 0.00 | —0.24 | —0.10 | —0.07 | —0.38 | —0.41 | —0.15 | —0.25 | 0.00 | +0.09 | —0.12 | +0.92 | 0.00 | +0.04 |
| 10 | +0.04 | —0.25 | —0.03 | —0.05 | —0.31 | —0.37 | —0.23 | —0.23 | +0.10 | +0.10 | —0.23 | +0.83 | +0.06 | +0.11 |
| 20 | +0.03 | —0.31 | —0.10 | —0.14 | —0.14 | —0.36 | —0.03 | —0.04 | +0.06 | +0.08 | —0.18 | +0.78 | +0.09 | +0.07 |
| 30 | 0.00 | —0.24 | —0.09 | —0.15 | —0.36 | —0.42 | +0.03 | +0.05 | +0.09 | +0.09 | +0.10 | +0.90 | +0.04 | +0.17 |
| 40 | — | — | — | — | —0.39 | —0.38 | — | — | +0.08 | +0.08 | — | — | — | +0.16 |

| $t$ | Tur. 29 | Tur. 57 | Fuess 70 | Fuess 46 | 194 | 286 | 390 | 193 | 388 | 182 | 381 | 381 | 199 | 187 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| —20 | | | | | —0.47 | +0.07 | +0.14 | +0.15 | —0.12 | —0.49 | —0.11 | —0.16 | —0.49 | —0.45 |
| —10 | | | | | —0.40 | +0.03 | +0.07 | —0.06 | —0.06 | —0.37 | —0.06 | —0.10 | —0.40 | —0.28 |
| 0 | —0.30 | 0.00 | +0.02 | —0.27 | —0.32 | 0.00 | 0.00 | —0.26 | —0.01 | —0.25 | —0.01 | —0.04 | —0.30 | —0.12 |
| 10 | —0.63 | —0.09 | +0.07 | —0.46 | +0.14 | +0.06 | 0.00 | —0.17 | +0.09 | —0.23 | +0.02 | —0.03 | —0.25 | —0.03 |
| 20 | —1.18 | —0.06 | +0.03 | —0.49 | +0.07 | +0.09 | +0.03 | +0.02 | +0.03 | —0.03 | +0.07 | +0.01 | —0.09 | +0.04 |
| 30 | | —0.08 | +0.08 | —0.33 | +0.19 | +0.02 | 0.00 | +0.06 | +0.02 | +0.01 | +0.03 | —0.07 | —0.03 | +0.08 |
| 40 | — | — | — | — | — | +0.13 | — | — | — | — | — | — | — | — |

Для отсчета 760 мм. и для температуры $t$ первая поправка анероида Ноде № 152: $A = -0{,}22 - 0{,}101\,t$.

Для отсчета 740 мм. и температуры $t$ поправка анероида Ноде № 94: $A = -4{,}0 - 0{,}130\,t$.

Поправка $B$, зависящая отъ перемѣны давленія для Ноде № 152:

| Давленіе. — Luftdruck. | Поправка. — Correction. |
|---|---|
| 780 | — 0.55 |
| 770 | — 0.18 |
| 760 | 0.00 |
| 750 | — 0.05 |

Таже поправка для Ноде № 94:

| Давленіе. — Luftdruck. | Поправка. — Correction. |
|---|---|
| 770 | — 0.1 |
| 760 | — 0.1 |
| 750 | — 0.1 |
| 740 | 0.0 |
| 730 | + 0.3 |

Для вычисленія скорости вѣтра по числу оборотовъ креста съ чашками служитъ уравненіе:

Анемометръ Казелла 309 $v = 2.6 + 0.07444.\ c$

Анемометръ Казелла 310 $v = 3.5 + 0.07917.\ c - 0.0000112.\ c^2$

Здѣсь $c$ обозначаетъ число электрическихъ контактовъ (одинъ контактъ = 25 оборотамъ креста) въ 1 часъ, $v$ скорость вѣтра $\frac{\text{километръ}}{\text{часъ}}$.

Bei einer Ablesung von $760^{mm}$ und der Temperatur $t$ ist die 1. Correction für Aneroïd Naudet № 152: $A = -0{,}22 - 0{,}101\,t$.

Bei $740^{mm}$ und der Temperatur $t$ ist für Aneroïd Naudet № 94: $A = -4{,}0 - 0{,}130\,t$.

Die Correction $B$ wegen Aenderung des Luftdrucks ist für Naudet № 152:

Dieselbe Correction für Naudet № 94:

Zur Berechnung der Windgeschwindigkeit aus der Zahl der Umdrehungen des Schalenkreuzes dient die Gleichung:

Anemometer Casella 309.

Anemometer Casella 310.

Hier bedeutet $c$ die Anzahl der electrischen Contacte in 1 Stunde (1 Contact = 25 Umläufen des Schalenkreuzes), $v$ die Geschwindigkeit des Windes $\frac{\text{Kilometer}}{\text{Stunde.}}$

Въ виду труднаго и продолжительнаго пути и многихъ сильныхъ толчковъ, которые предстояло выдержать инструментамъ во время перевозки черезъ Сибирь зимою, требовалось особенная заботливость при упаковкѣ ихъ. Главная Физическая Обсерваторія, благодаря большой опытности въ этомъ дѣлѣ, разрѣшила эту трудную задачу на столько удовлетворительно, что за немногими исключеніями всѣ инструменты прибыли на станцію въ полной исправности.

Каждый термометръ, завернутый въ вату, былъ плотно вставленъ въ особый футляръ. Всѣ футляры вмѣстѣ находились въ деревянномъ ящикѣ, наполненномъ обрѣзками бумаги и ватой; на обоихъ концахъ ящика снаружи были укрѣплены кольцеобразныя подушки, смягчавшія неизбѣжные толчки.

Трубки барометровъ Фуса были наполнены ртутью еще въ С.-Петербургѣ, въ Главной Физической Обсерваторіи. На время перевозки на открытые концы ихъ были надѣты, перевязанныя въ нѣсколькихъ мѣстахъ и также наполненныя ртутью, каучуковыя трубки; свободные концы послѣднихъ прикрѣплялись къ барометрическимъ трубкамъ ниткой. Каждая барометрическая трубка была уложена въ отдѣльный деревянный ящикъ, зашитый въ войлокъ и помѣщенный въ спиральныхъ пружинахъ изъ толстой проволоки внутри другаго ящика. На концахъ внѣшняго ящика имѣлись войлочныя подушки, а тотъ конецъ, который при укладкѣ ящиковъ въ сани надлежало оставлять выше другаго, былъ помѣченъ особой маркой. Пустыя барометрическія трубки помѣщались въ ящикѣ, наполненномъ деревянными опилками.

Весною 1882 года въ Иркутскѣ всѣ инструменты были распакованы для осмотра насколько они потерпѣли отъ перевозки. Оказалось, что изъ барометрическихъ трубокъ Фуса, не смотря на всю тщательность упаковки, выступило немного ртути и туда проникъ воздухъ. Попытки прокипятить ртуть въ этихъ трубкахъ не удались, такъ какъ трубки, въ слѣдствіе ихъ сложной формы, при этомъ лопались. Изъ ненаполненныхъ трубокъ разбились двѣ: одна, принадлежавшая къ барометру Турретини, другая— къ барометру Паррота. Всѣ остальные приборы не пострадали отъ перевозки.

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In Anbetracht der beschwerlichen und langwierigen Landreise und wegen der starken Stösse, denen bei einer Winterreise durch Sibirien die Instrumente ausgesetzt waren, musste auf die Verpackung der Instrumente ganz besondere Sorgfalt verwendet werden. Diese schwierige Aufgabe löste das Centralobservatorium, dank seinen reichen Erfahrungen auf diesem Gebiete, so genügend, dass die Instrumente, mit wenigen Ausnahmen, vollkommen wohlerhalten am Ziele der Reise ankamen.

Jedes Thermometer lag mit Baumwolle umwickelt, ohne Schlotterung, in einem Futterale; alle Futterale zusammen in einer mit Papierschnitzeln und Baumwolle gefüllten Holzkiste; dieselbe war an beiden Enden mit ringförmigen Kissen versehen, welche bezweckten die, während der Reise zu Lande unvermeidlichen, Stösse zu dämpfen.

Die Röhren zu den Fuess'schen Barometern waren noch in St. Petersburg im Centralobservatorium gefüllt worden. Zum Transport wurden die offnen Enden durch Kautschukröhren geschlossen. Eine jede der Röhren lag in einem Holzkasten, der mit Filz umwickelt war; diese Kasten waren in andere, äussere, eingeschlossen, in welchen sie auf starken Drahtspiralen lagen. Die äusseren Holzkasten trugen an den Enden Kissen aus Filz und eine Marke, die anzeigte, welches Ende des Kastens erhöht zu stellen war. Die ungefüllten Barometerröhren lagen in einem mit Sägeabfall gefüllten Kasten.

In Irkutsk wurden im Frühjahre 1882 alle Instrumente ausgepackt um zu sehen, ob und in wie weit sie durch den Transport gelitten hätten. Es erwies sich, dass, trotz der sorgfältigen Verpackung, Quecksilber aus den Röhren zu den Barometern Fuess getreten und in dieselben Luft gedrungen war. Wiederholte Versuche die Röhren auszukochen misslangen durch Springen derselben, was durch ihre verschlungene Form zu erklären ist. Von den ungefüllten Röhren waren zwei zerbrochen, die eine vom Barometer Turretini, die andere von dem Parrot'schen Barometer. Alle übrigen Instrumente waren beim Transport unbeschädigt geblieben.

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Въ полночь съ 22-го на 23-ое Августа экспедиція прибыла къ избранному для устройства станціи мѣсту, на южномъ берегу острова Сагастырь.

23-го Августа были обозначены мѣста для различныхъ построекъ станціи и приступлено къ установкѣ термометрической клѣтки, построенной еще въ Якутскѣ, столба дождемѣра, мачты флюгера съ силомѣрной пластинкой, который далѣе будемъ называть малымъ флюгеромъ, и шахты для трехъ почвенныхъ термометровъ; послѣдніе надлежало установить на глубинахъ: 0,4 м., 0,8 м. и 1,6 метра. При этомъ уже на глубинѣ однаго метра встрѣтилась мерзлая земля, не поддававшаяся никакимъ усиліямъ. Только попеременнымъ таяніемъ и удаленіемъ размягченной земли удалось наконецъ вырыть ямы въ два метра глубины для установки столбовъ. 29-го Августа эти работы были окончены.

Такимъ образомъ къ утру 31-го Августа установлены были барометры Турретини № 29 и Паррота, поставлены столбы термометрической будки и собрана самая будка; въ нее помѣщена цинковая клѣтка, а въ эту послѣднюю слѣдующіе приборы: психрометръ, для котораго употреблены ртутные термометры Фуса № 381 и № 381* (смоченный), волосной гигрометръ № 291 и спиртовой минимумъ-термометръ Фуса № 199.

Кромѣ того поставлены: столбъ для дождемѣра, мачта съ малымъ флюгеромъ, который оріентированъ относительно странъ свѣта и окончена шахта для почвенныхъ термометровъ. Въ ней помѣщены слѣдующіе термометры: на глубинѣ 0,4 метра Фуса № 389, на глубинѣ 0,8 м. Фуса № 259, а на глубинѣ 1,6 м. Фуса № 253. Около шахты на поверхность земли положенъ термометръ Фуса № 294.

31-го Августа, въ 9 часовъ утра, начались обязательныя метеорологическія наблюденія, т. е. съ этого времени ежечасно измѣрялись: высота барометра, температура воздуха, абсолютная и относительная влажность его, направленіе и сила вѣтра, форма облаковъ и облачность, температура на поверхности земли и на глубинѣ 0,4 м. Температура почвы на глубинахъ 0,8 м. и 1,6 м. и количество осадковъ наблюдались три раза въ день: въ 7 утра, 1 пополудни и 9 вечера.

Um Mitternacht vom 22. auf den 23. August erreichte die Expedition die von ihr zur Gründung der Station ausersehene Stelle am südlichen Ufer der Insel Ssagastyr.

Am 23. August wurden die Plätze für die einzelnen Baulichkeiten der Station gewählt und es begannen die Arbeiten für die Aufstellung des noch in Jakutsk fertig gestellten Thermometergehäuses, für den Regenmesserpfahl und für den Mast der Windfahne mit Stärkeplatte, die in Zukunft als kleine Windfahne bezeichnet werden mag. Auch die Anlage eines Schachtes für die drei Erdthermometer in den Tiefen 0,4—0,8 und 1,6 Meter wurde in Angriff genommen. Schon in einer Tiefe von einem Meter stiess man auf gefrorenen Boden, der jeglichem Angriffe widerstand. Nur indem man denselben allmälig aufthauen liess und den erweichten entfernte gelang es endlich zwei Meter tiefe Gruben für die Aufnahme der Pfähle herzurichten. Diese Arbeiten waren am 29. August beendet.

Vom 30. bis zum Morgen des 31. August wurden Barometer Turretini № 29 und Parrot aufgestellt, die Pfähle des Thermometerhauses errichtet, das Gehäuse zusammengestellt, die Zinkhütte in dasselbe gebracht und in diese letztere folgende Iestrumente gestellt: Als trockenes Thermometer das Quecksilberthermometer Fuess № 381, als feuchtes Fuess № 381*, das Haarhygrometer № 291 und als Minimumthermometer das Weingeistthermometer Fuess № 199.

Ferner wurden die Pfähle für die kleine Windfahne und den Regenmesser aufgestellt, die Windfahne orientirt und die Arbeiten am Schachte für die Erdthermometer beendet; in diesen Schacht wurden folgende Thermometer gestellt: in 0,4 Meter Tiefe Fuess № 389, in 0,8 Meter Fuess № 259 und in die Tiefe von 1,6 Meter endlich Fuess № 253; an demselben Orte wurde an der Erdoberfläche das Thermometer Fuess № 294 aufgestellt.

Am 31. August um 9½ Morgens begannen die obligatorischen meteorologischen Beobachtungen, d. h. es wurden von nun an stündlich gemessen: Barometerhöhe, Temperatur der Luft, absolute und relative Feuchtigkeit der Luft, Windstärke und Windrichtung, Gestalt der Wolken und Grad der Bewölkung, Temperatur an der Erdoberfläche und in der Tiefe 0,4 Meter. Dreimal täglich, zu den Stunden 7 a. m., 1 p. m. und 9 p. m. wurden die Temperaturen in 0,8 und 1,6 Meter Tiefe und die Niederschlagsmengen beobachtet.

Послѣ того какъ необходимѣйшіе для обязательныхъ наблюденій приборы находились на своихъ мѣстахъ, приступлено было къ размѣщенію остальныхъ метеорологическихъ инструментовъ. 18-го Сентября былъ поставленъ на мѣсто анемометръ Гагемана, и съ 10 часовъ утра этого дня наблюдался ежечасно. 23-го Сентября собранъ большой флюгеръ, начаты работы по его установкѣ и поставленъ на мѣсто эвапориметръ. 24-го Сентября установленъ анемометръ Казелла № 309 и на слѣдующій день работы у него окончены. Постановка большаго флюгера окончена 1-го Октября и въ этотъ же день онъ оріентированъ.

Такимъ образомъ къ 1 Октября окончена установка всѣхъ дополнительныхъ приборовъ, имѣвшихъ назначеніе служить для контроля главныхъ инструментовъ, а въ случаѣ надобности и для замѣщенія ихъ.

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Относительно устройства и повѣрки различныхъ инструментовъ считаемъ необходимымъ сообщить слѣдующее:

Для правильныхъ ежечасныхъ наблюденій въ продолженіи всего времени дѣятельности станціи служилъ **барометръ Турретини № 29**, описанный подробно Г. И. Вильдомъ; здѣсь прилагается краткое описаніе его.

Онъ принадлежитъ къ числу сифонныхъ барометровъ съ постоянною шкалою и имѣетъ слѣдующее устройство: желѣзный цилиндрическій сосудъ, заключающій въ себѣ кожанный мѣшокъ съ ртутью, завинченъ сверху крышкой съ двумя отверстіями, въ которые вставлены двѣ трубки, длинная, въ верху запаянная, — барометрическая и короткая — открытая, имѣющая въ верхней части стальной кранъ въ два хода. Обѣ трубки одного и того же внутренняго діаметра въ 8 миллиметровъ. Черезъ дно желѣзнаго сосуда проходитъ винтъ, падавливающій на кожанный мѣшокъ. Обѣ стеклянныя трубки заключены въ мѣдныя трубки одинаковой толщины и длины, ввинченныя въ желѣзный сосудъ и соединенныя вверху общимъ колпачкомъ съ приспособленіемъ для подвѣшиванія барометра. Мѣдная трубка, обхватывающая барометрическую, съ лицевой стороны раздѣлена по всей длинѣ на миллиметры, а въ верхней части имѣетъ два діаметрально противуположные,

Nachdem die für die obligatorischen Beobachtungen unumgänglich erforderlichen Instrumente aufgestellt waren, wurde an die Aufstellung der übrigen meteorologischen Instrumente geschritten. Am 18. September war die Aufstellung des Anemometers Hagemann beendet und von 10 a. m. desselben Tages wurde es stündlich beobachtet. Am 23. September wurde die grosse Windfahne zusammengestellt, es begannen die Arbeiten zu ihrer Aufstellung und es wurde das Evaporimeter aufgestellt. Am 24. September wurde das Schalenkreuz des Anemometer Casella № 309 montirt und am darauf folgenden Tage die Arbeiten an diesem Instrument beendet. Am 1. October wurde die Aufstellung und Orientirung der grossen Windfahne beendet.

Somit war zum 1. October die Aufstellung aller Zusatzinstrumente beendet, die zur Controlle der Hauptinstrumente dienten und eventuell dieselben zu ersetzen bestimmt waren.

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Ueber die verschiedenen meteorologischen Instrumente ist noch das Folgende zu bemerken:

Zu den regelmässigen stündlichen Beobachtungen während der ganzen Beobachtungsperiode der Station diente das **Barometer Turretini № 29**, das von H. Wild eingehend beschrieben ist, dessen kurze Beschreibung hier jedoch nochmals Platz finden mag.

Der Apparat gehört zur Classe des Heberbarometer mit fester Scale und hat folgende Construction: Ein eisernes Cylindergefäss enthält einen Lederbeutel und wird durch einen eisernen Deckel mit zwei Löchern geschlossen, durch welche zwei Röhren gehen, ein langes, oben zugeblasenes Barometerrohr und ein zweites kürzeres oben offenes und mit einem stählernen Zweiwegehahn geschlossenes. Die beiden Rohre haben beide den gleichen inneren Durchmesser von 8 Millimeter. Durch den Boden des eisernen Gefässes führt eine Schraube, mittelst welcher der Ledersack gehoben oder gesenkt werden kann. Die Glasröhren werden von 2 Messingröhren gleicher Dicke und Länge umschlossen, die unten an das Cylindergefäss geschraubt oben durch eine Kappe mit einander verbunden sind, die eine Aufhängevorrichtung trägt. Das Messingrohr, welches die Barometerröhre umgiebt, ist an der vorderen Seite in der ganzen Länge in Mm. getheilt und in seinem oberen

продольные прорѣза для визированія на ртуть. Въ прорѣзахъ движется, посредствомъ микрометрическаго винта, поніусъ, нарѣзанный на цилиндрикѣ, нижній край котораго устанавливается на вершину ртутнаго мениска и соотвѣтствуетъ началу поніуса. Отсчеты при его помощи производятся съ точностью до 0,1 миллиметра.

Вторая мѣдная трубка покрываетъ нижней своей частью короткую стеклянную трубку, въ верхней же находится термометръ. Для визированія на ртуть въ короткой стеклянной трубкѣ и для наблюденія показаній термометра, въ мѣдной трубкѣ сдѣланы вверху и внизу по два продольныхъ прорѣза.

Объ мѣдныя трубки обхватываются внизу двойнымъ кольцомъ, которое можетъ быть передвигаемо вдоль трубокъ и закрѣпляется посредствомъ зажимнаго винта. При наблюденіи барометра нижній край кольца устанавливается на начало дѣленій мѣдной трубки, а поверхность ртути въ короткой трубкѣ приводится къ этому краю дѣйствіемъ винта, проходящаго черезъ дно резервуара барометра.

Стальной кранъ на открытомъ концѣ короткой стеклянной трубки поворачивается помощью ключа, причемъ въ одномъ положеніи онъ устанавливаетъ сообщеніе съ внѣшнимъ воздухомъ, въ другомъ прерываетъ его. Послѣ каждаго отсчета крану дается второе положеніе, а не задолго до начала наблюденія — первое.

Барометръ Турретини имѣетъ то важное преимущество передъ другими подобными приборами, что высота стоянія ртути въ обѣихъ трубкахъ отсчитывается совершенно одинаковымъ образомъ, вслѣдствіе чего въ значительной мѣрѣ уменьшается личная ошибка наблюдателя. По этой причинѣ барометръ Турретини служилъ главнымъ барометромъ станціи.

Ртуть въ барометрической трубкѣ его была въ Якутскѣ тщательно прокипячена надъ пламенемъ спиртовой лампы и не содержала замѣтныхъ слѣдовъ воздуха, какъ это видно изъ особыхъ изслѣдованій, о которыхъ будетъ рѣчь ниже.

Во время плаванія изъ Якутска къ устью Лены барометръ былъ подвѣшенъ въ каютѣ офицеровъ, но вслѣдствіе значительной качки судна не наблюдался.

Theile mit zwei diametral einander gegenüber stehenden Längsausschnitten versehen, durch welche das Quecksilber anvisirt wird. In diesen Schlitzen ist ein auf einem Cylinderringe geschnittener Nonius durch eine Micrometerschraube verschiebbar, dessen Nullpunkt mit der unteren Kante des Ringes zusammenfällt und auf die Quecksilberkuppe eingestellt wird. Die Theilung des Nonius beträgt 0,1 Mm.

Das zweite Messingrohr umfasst in seinem unteren Theile das kurze Glasrohr, im oberen Theile ein Thermometer. Zur Beobachtung des Quecksilbers und des Thermometers hat das Rohr im unteren und oberen Theile je zwei Längsschnitte.

Beide Messingröhren werden in ihrem unteren Theile von einem Doppelringe umgeben, der sich längs den Röhren verschieben und durch eine Schraube klemmen lässt. Bei der Barometerbeobachtung wird der untere Rand des Ringes auf den Nullpunkt der Theilung gestellt und nun das Niveau des Quecksilbers durch die Schraube im Boden des Gefässes zum Einspielen mit demselben unteren Rande des Ringes gebracht.

Der kleine Stahlhahn an der offenen Glasröhre ist durch einen Schlüssel drehbar; in der einen Lage stellt er die Communication mit der Aussenluft her, in der anderen sperrt er das Instrument von der Luft ab. Nach beendeter Ablesung wurde dem Hahne stets diese zweite Stellung gegeben, kurz vor Beginn der Beobachtung erhielt er die erste Lage.

Das Barometer Turretini hat vor andern den grossen Vorzug, dass beide Quecksilberkuppen ganz auf die nämliche Weise abgelesen werden, wodurch der persönliche Fehler des Beobachters in hohem Grade vermindert wird. Aus diesem Grunde wurde dieses Instrument für besonders geeignet gehalten als Hauptbarometer der Station zu dienen.

Das Rohr dieses Barometers wurde in Jakutsk sorgfältig über der Weingeistflamme ausgekocht und liessen sich in demselben keine merklichen Spuren von Luft nachweisen, wie dies aus den weiter unten angeführten Versuchen zu sehen ist.

Während der Reise von Jakutsk bis zur Lenamündung hing das Instrument in der Kajüte der Expeditionsmitglieder, konnte aber wegen des starken Schwankens des Bootes nicht beobachtet werden.

На станціи съ 31-го Августа и до 4-го Октября 1882 года онъ помѣщался въ кладовой, обозначенной на приложенномъ планѣ числомъ 6: въ то время это было единственное мѣсто, гдѣ работы по устройству дома не мѣшали наблюденіямъ барометра.

4-го Октября его перенесли въ комнату дежурнаго наблюдателя и подвѣсили на предназначенномъ ему мѣстѣ, на облицованной досками поперечной стѣнѣ, въ такой же высотѣ надъ уровнемъ моря, въ какой онъ находился при началѣ наблюденій.

Нижній конецъ его (резервуаръ), послѣ приведенія барометра въ вертикальное положеніе, былъ закрѣпленъ тремя винтами въ кольцеобразной обоймѣ, ввинченной въ стѣну. Для большей ясности при визированіи черезъ прорѣзы въ мѣдной трубкѣ на ртутный менискъ на стѣнѣ была наклеена полоса бѣлой бумаги.

Для изслѣдованія совершенства Торичелліевой пустоты, лѣтомъ 1883 года и по окончаніи наблюденій 7 Іюля 1884 года, были произведены слѣдующія испытанія: дѣйствіемъ подъемнаго винта внизу барометра подымали ртуть въ обѣихъ стеклянныхъ трубкахъ; при этомъ въ короткой трубкѣ поверхность ея устанавливалась послѣдовательно на отсчеты 0, 10, 20, 30 и 35 мм., въ длинной же положеніе ея отсчитывалось, какъ обыкновенно съ помощью ноніуса. Съ уменьшеніемъ пустаго пространства надъ ртутью, присутствіе въ немъ воздуха, вслѣдствіе увеличившейся упругости его, должно было бы выразиться уменьшеніемъ высоты ртутнаго столба, выведенной изъ разности отсчетовъ высотъ стояній ртути въ обѣихъ трубкахъ барометра.

Между тѣмъ, такое вліяніе упругости воздуха не обнаружилось ни при первыхъ, ни при вторыхъ испытаніяхъ. Полагаемъ достаточнымъ привести здѣсь только результаты опытовъ, произведенныхъ 7-го Іюля 1884 года, слѣдовательно послѣ двухлѣтняго употребленія барометра.

Auf der Station befand sich das Barometer vom 31. August bis zum 4. October 1882 in der auf beigefügten Plane mit 6 bezeichneten Vorrathskammer, weil dies zur Zeit der einzige Ort war, in welchem die Arbeiten an der Einrichtung des Wohnhauses die Barometerbeobachtungen nicht störten.

Zum 4. October wurde das Instrument in das Zimmer übergeführt, welches für den dejourirenden Beobachter bestimmt war und auf dem Plane mit 3 bezeichnet ist; dort wurde es an einer der Innenwände befestigt an einer Holztafel in derselben Höhe, in welcher es früher gehangen.

Die Cuvette des Instrumentes wurde, nachdem dasselbe senkrecht gestellt worden, in einem Ringe geklemmt, welcher an der Wand befestigt war und in demselben durch drei Schrauben gehalten. Auf diese Weise konnte das Barometer leicht verstellt werden, falls durch Senken der Wand eine Aenderung in der Lage des Instrumentes erfolgen sollte. Zum besseren Auvisiren des Quecksilbers diente ein Papierstreifen, auf welches sich die Quecksilberkuppen projecirten.

Im Sommer 1883 und nach Schluss aller Beobachtungen am 7. Juli 1884 wurde das Barometer auf die Toricelli'sche Lehre geprüft. Es wurde das Quecksilber durch die Hebeschraube am unteren Ende des Instrumentes in beiden Röhren gehoben und das Quecksilberniveau im kurzen Rohre successive auf die Theilstriche 0, 10, 20, 30 und 35 Millimeter gebracht. Das obere Niveau wurde dann bei jeder Einstellung, wie gewöhnlich mit Hülfe des Nonius abgelesen. Das Volumen des Vacuums wurde also successive vermindert, wobei ein merklicher Gehalt an Luft in der Toricelli'schen Leere durch Vergrösserung der Spannkraft derselben die Barometerhöhe hätte vermindern müssen.

Ein Einfluss der Luftspannung ist indessen nicht bemerkt worden, wie beide Versuchsreichen gezeigt haben, von denen es indessen genügen wird nur die letztere vom 7. Juli 1884 hier anzuführen, nachdem also das Instrument 2 Jahre gedient hatte.

| Высота стоянія ртути въ коротк. труб. Kurzes Rohr. | Высота стоянія ртути въ длин. труб. Langes Rohr. | Температура. Temperatur. | Высота барометра. Barometerhöhe. |
|---|---|---|---|
| 0 | 759.3 | 20.0 | 757.0 |
| 10 | 769.25 | 20.0 | 756.95 |
| 20 | 779.2 | 20.4 | 756.9 |
| 30 | 789.3 | 20.5 | 756.9 |

| Высота стоянія ртути въ коротк. труб. Kurzes Rohr. | Высота стоянія ртути въ длин. труб. Langes Rohr. | Температура. Temperatur. | Высота барометра. Barometerhöhe. |
|---|---|---|---|
| 35 | 794.3 | 20.6 | 756.9 |
| 35 | 794.4 | 20.7 | 757.0 |
| 30 | 789.35 | 20.7 | 756.95 |
| 20 | 779.2 | 20.8 | 756.95 |
| 10 | 769.2 | 20.8 | 756.9 |
| 0 | 759.25 | 20.8 | 756.85 |
| 0 | 759.5 | 20.7 | 757.1 |
| 10 | 769.3 | 20.7 | 756.9 |
| 20 | 779.2 | 20.8 | 756.8 |
| 30 | 789.5 | 20.8 | 757.1 |
| 35 | 794.35 | 20.9 | 756.95 |
| 35 | 794.25 | 21.0 | 756.75 |
| 30 | 789.2 | 21.0 | 756.7 |
| 20 | 779.15 | 21.1 | 756.65 |
| 10 | 769.3 | 21.1 | 756.8 |
| 0 | 759.0 | 21.1 | 756.5 |

Если взять средніе изъ высотъ барометровъ при одинаковыхъ установкахъ ртути въ короткой трубкѣ, то получимъ:

Nimmt man die Mittelwerthe für gleiche Einstellungen der Quecksilberkuppe im kurzen Rohr so erhält man:

| | |
|---|---|
| 0 | 756.86 |
| 10 | 756.86 |
| 20 | 756.79 |
| 30 | 756.91 |
| 35 | 756.90 |

Такъ какъ найденныя при различныхъ установкахъ ртути въ короткой трубкѣ среднія высоты барометровъ разнятся между собой на величины, не превосходящія ошибокъ наблюденій и не обнаруживаютъ зависимости отъ этихъ установокъ, то слѣдуетъ заключить, что присутствіе воздуха въ Торичелліевой пустотѣ совершенно незамѣтно.

Другой, бывшій въ употребленіи на станціи, барометръ Паррота — подробно описанъ изобрѣтателемъ въ II томѣ его „Путешествія на Араратъ“, стр. 1—8. Очень удобный для путешествій, онъ, тѣмъ не менѣе, обладаетъ существенными недостатками, сравнительно съ барометромъ Турретини, и потому служилъ на станціи только какъ контрольный и запасный. Особенность его состоитъ въ поплавкѣ изъ слоновой кости, плавающемъ на поверхности ртути въ резервуарѣ; на поплавкѣ сдѣлана тонкая черта, приводимая въ совпаденіе съ подобной же чертой на подвижной шкалѣ барометра. При этомъ начало дѣленій шка-

Die Barometerhöhen bei verschiedenen Einstellungen erweisen sich, bis auf Differenzen, die die Ablesungsfehler nicht übersteigen, als gleich und zeigen durchaus keine Abhängigkeit von der Einstellung, woraus denn folgt, dass ein Luftgehalt in dem Vacuum nicht bemerkbar ist.

Das zweite Barometer der Station, das Parrot'sche, ist vom Erfinder des Instruments ausführlich beschrieben im zweiten Bande seiner Reise an den Ararat pag. 1—8. Das Instrument ist ein vorzüglicher Reiseapparat, leicht und widerstandsfähig, als Standbarometer ist es aber dem Turretini bedeutend nachzustellen und wurde auf der Station daher auch nur als Controlle- und Reservebarometer benutzt. Die characteristische Eigenthümlichkeit bildet ein Schwimmer aus Elfenbein, der auf dem Quecksilber der Cuvette schwimmend, eine Marke trägt, auf welche die verschiebbare Scale eingestellt wird, die mit einem Elfenbeinstück endigt, das gleichfalls eine Marke trägt.

лы соотвѣтствуетъ уровню ртути въ резервуарѣ. Высота барометра отсчитывается при помощи нонiуса, устанавливаемаго отъ руки, съ точностью до $^1/_{10}$ англ. полулиніи. Температура замѣчается по термометру Реомюра, раздѣленному на цѣлые градусы. Передъ каждымъ отсчетомъ ртуть приводилась въ сотрясеніе легкими ударами по оправѣ барометра.

Трубка барометра Паррота была прокипячена въ Якутскѣ на спиртовой лампѣ. На станціи онъ помѣщался рядомъ съ барометромъ Турретини и отсчитывался непосредственно послѣ него — до 26-го Ноября ежечасно, а за тѣмъ три раза въ сутки: въ $7^ч$ д. п., $1^ч$ п. п. и $9^ч$ п. п. 13-го Мая 1884 года онъ былъ упакованъ для отправки въ С.-Петербургъ.

Наблюденія по барометру Паррота будутъ напечатаны въ томѣ, содержащемъ необязательныя наблюденія. Здѣсь же приводимъ только разности между средними мѣсячными величинами давленія воздуха по показаніямъ барометровъ Паррота и Турретини для $7^ч$ д. п., $1^ч$ п. п. и $9^ч$ п. п. въ теченіе перваго года дѣятельности станціи.

Beim Einspielen der Marken fällt der Nullpunkt der Scale mit dem Quecksilberniveau in der Cuvette zusammen. Die Quecksilberkuppe wird an einem Nonius abgelesen, der mit der Hand verschoben werden kann, und eine Ablesung bis $^1/_{10}$ halbe englische Linie gestattet. Das Thermometer ist in ganze Grade Réaumur getheilt. Vor jeder Ablesung wurden dem Instrumente leichte Stösse ertheilt.

Das Rohr dieses Barometers wurde in Jakutsk über der Flamme einer Weingeistlampe ausgekocht. Auf der Station hing es neben Barometer Turretini und wurde unmittelbar nach demselben abgelesen, bis zum 26. November stündlich, dann nur dreimal täglich um $7^h$ a. m., um $1^h$ p. m. und um $9^h$ p. m. Am 13. Mai 1884 wurde das Instrument abgenommen und verpackt.

Die Beobachtungen an diesem Instrumente sollen an einem andern Orte, bei Besprechung der facultativen Beobachtungen, mitgetheilt werden. Hier wollen wir nur die Monatsmittel der Vergleichungen anführen, die aus den 3-maligen Beobachtungen am Tage hergeleitet sind und zwar nur aus der Serie des ersten Jahres.

| | Турретини = Парроту. | | | Turretini = Parrot. | |
|---|---|---|---|---|---|
| | $7^h$ a. m. | $1^h$ p. m. | $9^h$ p. m. | Среднее. Mittel. | |
| Сентябрь | +0.13 | +0.17 | +0.11 | +0.14 | September. |
| Октябрь | +0.01 | +0.03 | —0.04 | 0 | October. |
| Ноябрь | —0.02 | —0.04 | —0.05 | —0.04 | November. |
| Декабрь | —0.04 | —0.15 | —0.15 | —0.11 | December. |
| Январь | +0.01 | 0 | —0.03 | —0.01 | Januar. |
| Февраль | +0.04 | +0.03 | —0.01 | +0.02 | Februar. |
| Мартъ | —0.01 | +0.04 | +0.06 | +0.03 | März. |
| Апрѣль | +0.05 | +0.11 | +0.11 | +0.09 | April. |
| Май | +0.07 | +0.14 | +0.16 | +0.12 | Mai. |
| Іюнь | +0.10 | +0.23 | +0.22 | +0.18 | Juni. |
| Іюль | +0.17 | +0.27 | +0.25 | +0.23 | Juli. |
| Августъ | +0.15 | +0.28 | +0.20 | +0.21 | August. |

Кажется, что поправка барометра Паррота постепенно возрастаетъ.

**Анероидъ Ноде № 94** наблюдался въ тѣ же часы, какъ и барометръ Паррота, т. е. до 26 Ноября 1882 г. ежечасно, а за тѣмъ три раза въ сутки. Въ началѣ Мая 1883 года онъ былъ отправленъ въ Верхоянскъ на устраивавшуюся тамъ метеорологическую станцію.

Другой **анероидъ Ноде № 152** служилъ для наблю-

Es scheint, dass die Correction für Parrot langsam und stetig wächst.

Das **Aneroïd Naudet № 94** wurde zu denselben Zeiten beobachtet wie das Barometer Parrot, d. h. bis zum 26. November 1882 stündlich, von dann an dreimal täglich. Anfang Mai wurde das Instrument nach Werchojansk versandt, wo es zu regelmässigen Beobachtungen dienen sollte.

Das zweite **Aneroïd Naudet № 152** diente zu Beobach-

деній во время экскурсій, предпринимавшихся со станціи. Когда же находился на станціи отсчитывался, подобно первому, одновременно съ барометромъ Паррота.

Дѣленія на анероидахъ шли отъ 600 до 800 мм. черезъ $^1/_2$ мм.; при отсчетахъ оцѣнивалась $^1/_{10}$ мм. на глазъ. Температура замѣчалась до $^1/_{10}^\circ$ по термометрамъ (attaché) Цельзія, раздѣленнымъ черезъ цѣлые градусы отъ —15° до +50°.

Оба анероида помѣщались на столѣ дежурнаго наблюдателя въ своихъ футлярахъ.

Въ слѣдующей таблицѣ приведены разности между средними мѣсячными показаніями барометра Турретини и каждымъ изъ анероидовъ.

tungen auf Excursionen, wurde aber, wenn es sich auf der Station befand, gleichzeitig mit Naudet № 94 und Barometer Parrot beobachtet.

Die Scalen der Aneroïde reichten von 600—800 Millimeter und trugen halbe Millimeter; es wurden beim Ablesen $^1/_{10}$ Mm. geschätzt. Die Thermometerscalen reichten von —15° bis +50° und waren in ganze Grade getheilt, wobei $^1/_{10}^\circ$ geschätzt wurde.

Beide Aneroïde befanden sich in liegender Stellung auf dem Tisch des dejourirenden Beobachters.

In der folgenden Tabelle sind die Correctionen beider Aneroïde für Monatsmittel angeführt, wobei wiederum Turretini als Norm genommen ist.

| | Турретини = Ноде № 94. Turretini = Naudet № 94. | | | | Турретини = Ноде № 152. Turretini = Naudet № 152. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | $7^h$ a. m. | $1^h$ p. m. | $9^h$ p. m. | Среднее Mittel. | $7^h$ a. m. | $1^h$ p. m. | $9^h$ p. m. | Среднее. Mittel. | |
| Сентябрь | +1.23 | +1.22 | +1.17 | +1.21 | — | — | — | — | September. |
| Октябрь | +1.05 | +1.08 | +1.06 | +1.06 | —1.02 | —0.90 | —0.96 | —0.96 | October. |
| Ноябрь | +1.04 | +1.06 | +1.05 | +1.05 | —1.04 | —0.99 | —1.05 | —1.03 | November. |
| Декабрь | +0.93 | +0.98 | +0.95 | +0.95 | —1.09 | —1.09 | —1.10 | —1.09 | December. |
| Январь | +0.81 | +0.87 | +0.84 | +0.84 | —1.16 | —1.15 | —1.15 | —1.15 | Januar. |
| Февраль | +0.69 | +0.72 | +0.71 | +0.71 | —1.15 | —1.07 | —1.13 | —1.12 | Februar. |
| Мартъ | +0.66 | +0.70 | +0.68 | +0.68 | —1.34 | —1.26 | —1.25 | —1.28 | März. |
| Апрѣль | +0.62 | +0.56 | +0.64 | +0.61 | —1.41 | —1.38 | —1.36 | —1.38 | April. |
| Май | — | — | — | — | —1.42 | —1.34 | —1.37 | —1.38 | Mai. |
| Іюнь | — | — | — | — | —1.31 | —1.25 | —1.30 | —1.29 | Juni. |

**Анемометръ Казелла** былъ установленъ на крышѣ жилаго дома такимъ образомъ, что крестъ съ чашками находился на высотѣ 5.63 м. надъ поверхностью земли и около 2.5 м. надъ крышей. Діаметръ каждой чашки равнялся 9.0 сант., а разстояніе между центрами двухъ чашекъ, находящихся на концахъ того же стержня, — 34 сант. Крестъ съ чашками вращался на оси, длиной около 30 сант., нижній конецъ которой проходилъ въ мѣдную коробку, заключавшую въ себѣ счетчикъ; коробка эта была навинчена на газовую трубу, укрѣпленную въ крышѣ дома, и соединялась проводниками съ баттареей и электрическимъ счетчикомъ въ комнатѣ дежурнаго наблюдателя. Послѣ каждыхъ 25 оборотовъ креста цѣпь замыкалась и зубчатое колесо счетчика поворачивалось на одинъ зубецъ.

Для контроля электрическаго счетчика вводился въ цѣпь параллельно электрическій звонокъ и число замыканій сосчитывалось однимъ изъ наблюдателей. При началѣ

Das **Anemometer Casella** war auf dem Dache des Wohnhauses aufgestellt, das Schalenkreuz 5.63 Meter über dem Erdboden und etwa 2.5 M. über dem First. Die Schalen hatten einen Durchmesser von 9.0 Cm. und die Mittelpunkte derselben standen von der Drehungsaxe 17 Cm. entfernt. Die Drehungsaxe war etwa 30 Cm. lang, ihr unteres Ende reichte in ein Gehäuse, welches das Zählwerk enthielt. Das Gehäuse war an ein starkes Gasrohr geschraubt, welches am Dache des Hauses befestigt war; Leitungsdrähte führten vom Gehäuse zu einer galvanischen Batterie und zu einem electrischen Zähler, die im Zimmer des wachhabenden Beobachters sich befanden. Der electrische Contact erfolgte nach 25 Umdrehungen des Schalenkreuzes, so dass der Verschiebung des Zählers um einen Zahn 25 Umläufen entsprachen.

Zur Controlle des electrischen Zählers war in die Kette noch ein electrisches Läutewerk eingeschaltet, welches gleichfalls beobachtet wurde. Anfangs functionirte der

наблюденій счетчикъ дѣйствовалъ исправно, но съ теченіемъ времени показанія его стали въ такой мѣрѣ ненадежны, что онъ окончательно былъ замѣненъ звонкомъ.

Изъ двухъ совершенно одинаковыхъ размѣровъ анемометровъ Казелла №№ 309 и 310 постоянно употреблялся для наблюденій первый. Только въ продолженіи нѣсколькихъ дней — съ $2^{\text{ч}}$ п. п. 5 Февраля 1883 г. по 13 Февраля $4^{\text{ч}}$ п. п. онъ замѣнялся № 310, такъ какъ значительно разошелся въ своихъ показаніяхъ съ контрольнымъ анемометромъ Гагемана и доской у малаго флюгера г. Вильда. Вычищенный, онъ былъ снова установленъ на мѣсто и дѣйствовалъ вполнѣ исправно до закрытія станціи. Зимою внимательно слѣдили за тѣмъ, чтобы въ чашкахъ анемометра не накоплялось снѣга. Оси прибора лѣтомъ смазывались олеонафтомъ, съ наступленіемъ же большихъ морозовъ обтирались на сухо.

Какъ уже было упомянуто, для контроля показаній анемометра Казелла, каждый часъ записывались также показанія анемометра Гагемана и положеніе доски для измѣренія силы вѣтра у малаго флюгера. Поэтому въ рѣдкихъ случаяхъ, когда, вслѣдствіе порчи проводниковъ, или ослабленія баттареи во время наблюденій, электрическій счетчикъ или звонокъ переставали дѣйствовать, сила вѣтра заносилась въ журналъ по показаніямъ контрольныхъ приборовъ.

**Анемометръ Гагемана** былъ расположенъ на особой полкѣ около стола наблюдателя такимъ образомъ, что послѣдній могъ, не вставая съ своего мѣста, слѣдить за движеніемъ стрѣлки прибора при порывахъ вѣтра.

Составленная изъ 4-хъ частей, газовая труба, оканчивавшаяся вверху мѣднымъ просверленнымъ наконечникомъ, была прикрѣплена снаружи къ сѣверной стѣнѣ жилаго дома. Отверзтіе мѣднаго наконечника находилось на высотѣ 5,8 м. надъ поверхностью земли. Нижній конецъ трубы соединялся резиновой трубкой, проведенной черезъ отверзтіе въ окнѣ, съ приборомъ въ комнатѣ. Этотъ послѣдній имѣлъ слѣдующіе размѣры и устройство: жестяной цилиндрическій сосудъ, вышиною въ 25 сант. и въ поперечникѣ 12 сант. наливался немного менѣе половины своей высоты водою, уровень которой наблюдался въ водомѣрной стеклянной трубкѣ. Черезъ стѣнку этого сосуда, почти у самаго дна его, проходитъ горизонтально жестяная трубка, согнутая около середины два раза подъ прямымъ угломъ вверхъ по оси цилиндра. Конецъ ея приходится выше уровня

electrische Zähler regelrecht, mit der Zeit wurden indessen seine Angaben so unzuverlässig, dass er ganz beseitigt und durch das Glockensignal ersetzt wurde.

Von den zwei ganz gleichen Anemometern Casella № 309 und 310 diente zu regelmässigem Gebrauche der erste № 309. Nur vom 5. Februar 1883 $2^{h}$ p. m. bis zum 13. Februar $4^{h}$ p. m. wurde er durch das Anemometer № 310 ersetzt, weil er anfing von Controlleanemometer Hagemann und von der Windtafel Wilds stark abzuweichen. Er wurde deshalb abgenommen, sorgfältig gereinigt und dann wiederum aufgestellt, worauf er ununterbrochen bis zum Schluss der Station functionirte. Während der Wintermonate wurde besonders darauf geachtet, dass sich in den Schaalen kein Schnee ansammle. Im Sommer wurden die Axen des Anemometers mit Mineralöl geschmiert, zur Zeit grosser Fröste wurden sie trocken gewischt.

Es ist schon erwähnt worden, dass ausser dem Anemometer Casella, zur Controlle desselben stündlich noch das Anemometer Hagemann abgelesen wurde, sowie auch die Windtafel an der kleinen Windfahne, In den seltenen Fällen, wo wegen Beschädigung der Leitungsdrähte oder weil die electrische Batterie den Dienst versagte, bei den Beobachtungen des Anemometers Casella Zähler und Glocke ausser Function traten, wurde die Windstärke nach den Angaben der Controlleapparate eingetragen.

Das **Anemometer Hagemann** war neben dem Tische des Beobachters so aufgestellt, dass man ohne Aufzustehen den Index des Instrumentes ablesen konnte, auch wenn er bei Windstössen stark spielte.

Ein aus 4 Stücken zusammengesetztes Gasrohr, das oben mit einem durchbohrten Stücke endigt, war an der nach Nord gerichteten Wand des Wohnhauses befestigt. Die Oeffnung des messingnen Endstückes war 5.8 Meter über dem Erdboden. Das untere Ende der Röhre war mittelst eines, durch das Fenster geführten, Kautschukschlauches mit dem im Zimmer befindlichen Theile des Apparates verbunden. Dieser letztere Theil hat folgende Construction:

Ein Cylindergefäss aus Eisenblech von 25 Cm. Höhe und 12 Cm. Durchmesser enthält bis fast zur Hälfte der Höhe Wasser, dessen Niveau in einem Wasserstandsrohre beobachtet wird. Durch die Wand des Gefässes, nahe am Boden desselben ist ein Rohr aus Eisenblech horizontal geführt, und ist über die Mitte des Bodens nach Oben gebogen, so dass es mit der Axe des Cylinders zusam-

воды. Другой наружный конецъ соединяется посредствомъ резиновой трубки съ газовой трубой. На крышкѣ резервуара, привинченной къ нему тремя винтами, укрѣплена цилиндрическая коробка, ось которой расположена горизонтально. На эту ось насаженъ барабанъ съ винтовой нарѣзкой, а на концѣ ея, снаружи коробки, находится стрѣлка, указывающая на дѣленія цифферблата, замѣняющаго стѣнку коробки. Черезъ отверзтіе вверху коробки проходитъ спиральная пружина, одинъ конецъ которой укрѣпленъ въ рамкѣ, припаянной къ коробкѣ; къ другому — привязана струна, обертывающая одинъ разъ барабанъ и спускающаяся въ сосудъ съ водой. На ней виситъ жестяной колоколъ, имѣющій 14 сан. высоты и 11 сан. въ поперечникѣ, своимъ отверзтіемъ погруженный въ воду. Вѣтеръ, проносясь надъ наконечникомъ газовой трубы, разрѣжаетъ подъ колоколомъ воздухъ, вслѣдствіе чего онъ погружается глубже и, натягивая струну, поворачиваетъ барабанъ, а съ нимъ и стрѣлку. Скорость движенія воздуха отсчитывается на цифферблатѣ непосредственно въ метрахъ и въ секунду. Движеніемъ стрѣлки раздвигаются два указателя, вращающіяся на оси въ центрѣ стекла, покрывающаго цифферблатъ, и отмѣчаютъ такимъ образомъ наибольшую и наименьшую силу вѣтра. Самый сильный порывъ вѣтра, наблюдавшійся при помощи анемометра Гагемана, случился между 3 и 4 часами пополудни 23 Декабря 1883 года и равнялся 25.4 м. въ 1 секунду.

Показанія анемометра Гагемана не всегда были одинаково надежны. Послѣ каждаго свѣжаго вѣтра, упругость пружины, вслѣдствіе значительнаго растяженія ея, ослабѣвала и приборъ давалъ силу вѣтра на 4 или на 5 метровъ бо́льшую дѣйствительной. Послѣ продолжительныхъ штилей случалось обратное. Само собой разумѣется, что какъ только эти недостатки дѣлались замѣтными, они тотчасъ же исправлялись. Случалось также, что во время сильныхъ мятелей засорялось снѣгомъ отверзтіе въ газовой трубѣ.

**Главный флюгеръ** былъ установленъ надъ крышей жилаго дома на высотѣ 5.54 м. надъ поверхностью земли и 2.4 м. надъ крышей. Онъ вращался вмѣстѣ съ своей осью,

menfällt. Das obere Ende des Rohres steht über dem Wasserniveau. Das andere Ende des Rohres, das äussere, ist durch das Kautschukrohr mit dem ausserhalb des Hauses befindlichen schon oben beschriebenen Theile des Apparates verbunden. An dem Deckel des Cylindergefässes ist mit 3 Schrauben ein cylindrisches Gehäuse befestigt, dessen Axe horizontal liegt. An dieser Axe sitzt eine Trommel mit Schraubengang und am Ende der Axe ein Zeiger ausserhalb des Gehäuses. Dieser Zeiger spielt an einer Theilung, die an einer Wand des Gehäuses befestigt ist. Durch eine Oeffnung im oberen Theile des letzteren geht eine Spiralfeder, deren eines Ende an das Gehäuse befestigt ist, während das andere eine Darmseite führt, die einmal um die Trommel geschlungene ist und dann in das Wasser taucht; dort hängt an ihr eine Glocke aus Eisenbleich, 14 Cm. hoch 11 Cm. im Durchmesser, die mit dem offenen Ende ins Wasser taucht. Ein über das Endstück des Gasrohrs streichender Wind verdünnt die Luft in der Glocke und lässt sie tiefer in das Wasser tauchen; die Darmseite wird dadurch gespannt, und dreht Trommel und Zeiger. Die Windgeschwindigkeit wird direct in Meter und Secunde am Zifferblatt abgelesen. Der Zeiger greift ausserdem in zwei andere ein, die beide am Glasdeckel des Zifferblattes befestigt sind und verschiebt, je nach Richtung der Drehung den einen oder den anderen, wodurch Maximum und Minimum der Geschwindigkeit notirt werden. Der stärkste Windstoss am 23. December 1883 zwischen $3^h$ und $4^h$ Nachmittags wurde auf diesem Wege constatirt und betrug 25.4 Meter in der Secunde.

Die Angaben des Anemometers Hagemann waren indessen nicht immer zuverlässig. Nach frischen Winden wurde die Spannkraft der Feder durch übermässiges Anziehen geschwächt und der Apparat gab dann um 4 bis 5 Meter zu grosse Windgeschwindigkeiten an. Nach lang andauernden Windstillen wurde ein Fehler in entgegengesetztem Sinne constatirt. Selbstverständlich wurde der Apparat augenblicklich corrigirt, sobald solche Unregelmässigkeiten in seinem Functioniren bemerkt wurden. Ausserdem kam es zuweilen vor, dass bei anhaltendem Schneesturme das Gasrohr durch Schnee verstopft wurde.

Die **Hauptwindfahne** stand auf dem Dache des Wohnhauses 5.54 M. über dem Boden, 2.4 M. über dem Dache. Sie drehte sich mit ihrer Axe zusammen, die durch ein Gas-

которая проходила черезъ газовую трубу, укрѣпленную въ чугунной муфтѣ, врѣзанной въ потолокъ комнаты дежурнаго наблюдателя. Къ нижнему концу газовой трубы была прикрѣплена винтами чугунная тарелка съ отверзтіемъ посрединѣ для пропуска оси флюгера, а къ тарелкѣ желѣзная скоба. Черезъ середину скобы проходилъ снизу винтъ; конецъ его имѣлъ углубленіе, въ которое стальнымъ коническимъ наконечникомъ упиралась ось флюгера. Такимъ образомъ, послѣднюю можно было посредствомъ этого винта приподымать и опускать. Внутри скобы вращался, насаженный на ось флюгера, мѣдный барабанъ, на боковой поверхности котораго были нанесены 16 главныхъ румбовъ компаса. Мѣдный неподвижный указатель для наблюденія направленія вѣтра, былъ привинченъ къ скобѣ на высотѣ дѣленій барабана. Къ чугунной тарелкѣ посредствомъ длинныхъ винтовъ плотно прижимался деревянный ящикъ съ стеклянными окнами, черезъ которыя можно было отсчитывать положеніе флюгера. Чтобы песокъ и снѣгъ не могли попадать въ газовую трубу, верхній ея конецъ былъ покрытъ мѣднымъ колпакомъ, привинченнымъ къ оси флюгера.

Для высушиванія воздуха въ газовой трубѣ, внутри деревяннаго ящика, разобщавшаго ее отъ сыраго комнатнаго воздуха, была поставлена чашка съ фосфорнымъ ангидритомъ.

Главный флюгеръ былъ вполнѣ исправенъ во все время дѣятельности станціи. При сильныхъ буранахъ иногда случалось, что между стѣнками мѣднаго колпака и газовой трубой набивался снѣгъ, затруднявшій свободное вращеніе флюгера, но онъ легко устранялся приподыманіемъ и опусканіемъ оси флюгера, или же вычищался, по отвинчиваніи колпака. Однажды также при сильномъ порывѣ ось флюгера соскочила съ своей подставки.

**Малый флюгеръ**, обозначенный на планѣ буквой *M*, находился на мачтѣ на высотѣ 6.35 м., а доска для опредѣленія силы вѣтра на высотѣ 6.81 м. надъ поверхностью земли. Подъ флюгеромъ въ желѣзный шестъ, служившій ему основаніемъ, ввинчены 8 стержней, расположенныхъ въ горизонтальной плоскости подъ угломъ 45° другъ къ другу, которыхъ назначеніе указывать направленіе 8 главныхъ румбовъ компаса. На концѣ стержня, обращеннаго къ сѣверу, прикрѣплена, сдѣланная изъ желѣза, буква N. Стержни, направленные къ N, O, S и W нѣсколько

rohr ging, welches an der Decke des Zimmers für den dejourirenden Beobachter mittelst einer Hülse befestigt war. Am unteren Ende des Gasrohrs war ein Teller aus Gusseisen geschraubt, der in der Mitte eine Oeffnung zum Durchgang der Axe hatte. Der Teller trug einen eisernen Bügel, durch welchen eine starke Schraube ging, deren ausgehöhltes Ende als Lager für die in eine stählerne Spitze auslaufende Axe diente. Auf diese Weise konnte die Axe der Windfahne beliebig gehoben und gesenkt werden. Innerhalb des Bügels trug die Drehungsaxe eine Trommel aus Messing, auf deren Mantelfläche 16 Windrichtungen verzeichnet standen. Die Trommel ging an einem festen Zeiger vorbei, der zur Beobachtung der Windrichtung diente. An den Teller wurde mittelst langer Schrauben ein Holzkasten befestigt, in welchem mit Glas geschlossene Fenster angebracht waren zur Ablesung der Trommel. Um das Gasrohr vor Sand, Schnee und anderen Unreinigkeiten zu schützen, trug es an seinem oberen Ende eine Messinghaube, die an die Windfahne geschraubt war und sich mit ihr zusammen drehte.

Um die Luft im Gasrohre trocken zu halten und ein etwaiges Gefrieren von Wasserdämpfen in demselben zu verhüten, wurde im Holzkasten, der das Gasrohr von der feuchten Zimmerluft absonderte, Phosphoranhydrit gehalten.

Die Hauptwindfahne hat während der ganzen Beobachtungsperiode regelrecht functionirt. Bei starken Schneestürmen kam es wohl vor, dass sich zwischen der Messinghaube und dem Gasrohre Schnee ansammelte, wodurch die Beweglichkeit der Windfahne stark beeinträchtigt wurde. Dieser Schnee konnte jedoch leicht beseitigt werden, wozu es genügte entweder die Axe des Apparates etwas zu heben oder aber die Haube abzuschrauben. Bei einem starken Windstoss kam es einmal auch vor, dass die Axe aus der Pfanne sprang.

Die **kleine Windfahne**, auf dem beigefügten Plane mit dem Buchstaben *M* bezeichnet, war an einem Maste in der Höhe von 6.35 Meter aufgestellt; die zu ihr gehörige Windstärkeplatte auf der Höhe 6.81 Meter über dem Erdboden. An der eisernen Stange, auf welcher sich die Windfahne drehte, waren in einer horizontalen Ebene 8 Speichen befestigt, die, unter sich Winkel von 45° bildend, die 8 Hauptrichtungen der Windrose bezeichneten. Die nach Nord gekehrte Speiche trug den aus Eisenblech geschnittenen Buchstaben *N*. Die vier Cardinalrichtungen

длиннѣе остальныхъ четырехъ. Выше флюгера, на горизонтальной оси, перпендикулярной къ направленію флюгера, виситъ доска, напоромъ вѣтра отклоняемая изъ вертикальнаго положенія. При этомъ она располагается по одному изъ радіусовъ желѣзной дуги, припаянной къ оси флюгера у нижняго края доски, когда она виситъ вертикально. Дуга имѣетъ 8 штифтовъ, направленныхъ къ ея центру. Замѣчая, которому изъ штифтовъ соотвѣтствуетъ положеніе доски, заключаютъ о силѣ вѣтра, пользуясь табличкой, помѣщенной въ „Инструкціи для метеорологическихъ станцій въ Россіи“.

**Цинковая клѣтка**, въ которой помѣщались психрометръ, гигрометръ Соссюра и минимумъ-термометръ (спиртовый) подробно описана Г. И. Вильдомъ [1]): два цинковыхъ цилиндра вращаются одинъ въ другомъ на той же вертикальной оси. Къ основаніямъ цилиндровъ придѣланы цинковые же прямые конусы, оси которыхъ совпадаютъ съ общей осью цилиндровъ и направлены вверхъ. Какъ въ цилиндрахъ, такъ и въ конусахъ съ противуположныхъ сторонъ сдѣланы прорѣзы, изъ которыхъ каждый занимаетъ около 60°, считая по окружности основаній. Внутренній цилиндръ закрѣпляется на оси неподвижно, притомъ такъ, что прорѣзы его находятся въ меридіанѣ; внѣшній же служитъ для того, чтобы закрывать ихъ послѣ каждаго отсчета термометровъ и гигрометра. Въ описанной клѣткѣ инструменты размѣщены слѣдующимъ образомъ: по срединѣ гигрометръ съ волоскомъ Соссюра, по обѣ его стороны сухой и смоченной термометры, подъ нимъ горизонтально-спиртовой термометръ для наименьшихъ температуръ. Резервуары всѣхъ трехъ термометровъ находились въ одной и той же горизонтальной плоскости.

Цинковая клѣтка была установлена въ особой деревянной будкѣ (на планѣ буква *B*), покоившейся на четырехъ столбахъ, открытой снизу и съ сѣверной стороны, а съ трехъ сторонъ закрытой жалузи, защищавшими клѣтку отъ непосредственнаго нагрѣванія солнечными лучами. Крыша будки была сплошная и наклонена къ югу. Лѣтомъ, когда солнце находилось къ сѣверу отъ будки, обращенная туда сторона закрывалась дверцами съ жалузи, не доходившими до крыши на $^1/_2$ м. Шарики термометровъ находились на высотѣ 2.41 м. надъ поверхностью земли.

1) Метеорологическій Сборникъ, Т. VI, № 9. 1879.

N, E, S und W waren durch längere, die zwischenliegenden durch kürzere Speichen bezeichnet. Ueber der Windfahne hängt an einer horizontalen Drehaxe, senkrecht zur Richtung der Windfahne die Tafel, welche durch den Druck des Windes aus ihrer senkrechten Lage abgelenkt wird und hierdurch ein Maass für die Windgeschwindigkeit bietet. Das untere Ende der Tafel bewegt sich hierbei längs eines Bogenquadranten, in welchen 8 Stifte radial befestigt sind Der Beobachter hat bei jedem Versuche zu bestimmen, bis zu welchem Stifte die Tafel abgelenkt wird, woraus dann mit Hülfe einer kleinen Tabelle, die in der «Instruction für meteorologische Stationen in Russland von H. Wild» die Windgeschwindigkeit bestimmt wird.

Die **Zinkhütte**, in welcher das Psychrometer, Haarhygrometer und das Minimum-Thermometer aufgestellt waren, ist von Wild ausführlich beschrieben [1]). Zwei Cylinder aus Zinkblech drehen sich einer in dem andern auf einer gemeinsamen Axe. Auf die Cylinder sind Kegel aufgesetzt, die mit den Cylinder eine gemeinsame Axe haben. Sowohl in den Cylindern, als auch in den Kegeln sind zu je 2 Ausschnitte von 60° Oeffnung gemacht, die einander diamentral entgegen stehen. Der innere Cylinder ist an die Axe geschraubt, fest und unbeweglich, und zwar so, dass sein Ausschnitt in der Richtung des Meridianes liegen. Der äussere Cylinder ist drehbar und dient dazu die Ausschnitte des inneren zu bedecken sobald die Ablesung an den Instrumenten beendet ist. In dieser Hütte waren die erwähnten Instrumente folgendermaassen aufgestellt: In der Mitte stand das Haarhygrometer von Saussure, zu beiden Seiten desselben das trockene und angefeuchtete Thermometer und unter ihnen in horizontaler Lage das Minimum-Thermometer. Die Reservoire aller drei Thermometer lagen in einer horizontaler Ebene.

Die Zinkhütte stand in einer zweiten aus Holz, die auf 4 Pfählen ruhte; diese Hütte ist auf dem beigefügten Plane mit *B* bezeichnet. Von unten und von der Nordseite war diese Hütte offen, von den drei übrigen Seiten mit Jalousien gedeckt, welche die Zinkhütte vor directer Bestrahlung durch die Sonne schützten. Das Dach der Hütte war nicht durchbrochen und hatte einen Abfall nach Süden. Während des Sommers wurde die Hütte auch von der Nordseite gegen die Sonne geschützt durch eine vierte bewegliche Wand mit Jalousien, die indessen nicht bis

1) Repertorium für Meteorologie, B. VI, № 9. 1879.

Въ той же будкѣ, рядомъ съ цинковой клѣткой, помѣщался шкапикъ съ вѣсовымъ эвапориметромъ и металлическій термометръ для наибольшихъ и наименьшихъ температуръ. Оба ртутные термометра, при температурахъ ниже —35° Ц., въ теченіе первой зимы убирались изъ клѣтки въ компаты и температура воздуха наблюдалась по минимумъ-термометру. Въ теченіе второй зимы они оставались на своихъ мѣстахъ.

При температурахъ ниже 0° батистъ, обертывающій шарикъ одного изъ термометровъ психрометра, смачивался за 25 минутъ до наблюденія кисточкой. Въ остальное время конецъ батиста постоянно былъ погруженъ въ стаканъ съ водой, покрытый цинковой крышкой. За неимѣніемъ дистиллированной воды, употреблялась фильтрованная дождевая или снѣговая.

Показанія спиртоваго термометра наблюдались ежечасно. Наименьшія температуры замѣчались до 8ч д. п. 1 Декабря 1882 г. также ежечасно, при чемъ индексъ устанавливался каждый разъ снова. Съ этого же дня только два раза въ сутки: въ 7ч д. п. и 9ч п. п., а установка штифтика дѣлалась только въ 7ч д. п.

При началѣ каждаго бурана термометрическая деревянная будка обтягивалась со всѣхъ сторонъ частой сѣткой изъ марли, чтобы защитить отъ снѣга, установленные въ ней, инструменты. Тѣмъ не менѣе, снѣжная пыль проникла черезъ сѣтку и иногда цинковая клѣтка оказывалась въ такой мѣрѣ занесенною, что только съ трудомъ можно было отсчитывать термометры, а отъ наблюденія гигрометра и эвапориметра приходилось совершенно отказываться. Конечно, какъ только обстоятельства допускали, будка и инструменты немедленно вычищались.

Время отъ времени, служившіе для наблюденій инструменты замѣнялись другими, или вслѣдствіе поврежденій, или же для опредѣленія точекъ нуля. Эти перемѣны были слѣдующія:

zum Dache der Hütte reichte und einen Zwischenraum von ½ Meter frei liess. Die Reservoire der Thermometer standen 2.41 Meter über dem Erdboden.

In derselben Holzhütte, neben dem Zinkgehäuse befand sich ein Schrank mit dem Gewichts-Evaporimeter und einem Metallthermometer zur Bestimmung der Maximum- und Minimumtemperaturen. Während des ersten Winters wurden die zwei Quecksilberthermometer aus der Hütte fortgenommen, sobald die Temperatur bis auf —35° sank und es wurde dann die Temperatur der Luft am Minimumthermometer beobachtet. Während des zweiten Winters blieben sie beständig in der Hütte.

Bei Temperaturen unter 0° wurde das feuchte Thermometer stets 25 Minuten vor der Ablesung angefeuchtet; sonst, bei Temperaturen über 0°, tauchte der das Thermometer umhüllende Leinwandüberzug in ein mit einem Deckel geschlossenes Glas mit Wasser. In Ermangelung von destillirtem Wasser wurde filtrirtes Regen- oder Schneewasser zum Befeuchten angewandt.

Die Angaben des Alcoholthermometers wurden stündlich beobachtet. Bis zum 1. December 1882 8h a. m. wurden stündlich auch die Minimumtemperaturen beobachtet, wobei jedesmal der Index von Neuem eingestellt wurde. Vom erwähnten Tage an wurden die Minimaltemperaturen nur zweimal täglich beobachtet, um 7h a. m. und 9h p. m. wobei der Index nur um 7h a. m. eingestellt wurde.

Bei beginnendem Schneesturme, wurde die Thermometerhütte von allen Seiten mit einem dichten Gewebe umgeben, um die Instrumente vor Schnee zu schützen. Trotz dieser Vorsichtsmaassregel konnte doch ein Eindringen von Schneestaub nicht vermieden werden und es kam vor, dass die Zinkhütte dermaassen von Schnee verweht war, dass die Thermometer nur mit äusserster Mühe abgelesen werden konnten und die Ablesung des Hygrometers und des Evaporimeters ganz aufgegeben werden musste. Selbstverständlich wurden Hütte und Instrumente sofort gereinigt, sobald die Umstände eine Reinigung zuliessen.

Zuweilen mussten die Instrumente zeitweilig aus der Hütte genommen und durch andere ersetzt werden, sei es, weil sie einer Reparatur oder einer Nullpunktbestimmung unterworfen werden mussten. Solche Auswechselungen sind im Folgenden mitgetheilt.

Сухой термометръ:

| | | | | |
|---|---|---|---|---|
| До | 8ч д. п. | 5 Апрѣля | 1883 г. употребл. | Фусъ № 381 |
| » | 10ч п. п. 13 | » | » » | Фусъ » 381* |
| » | 3ч п. п. 18 | » | » » | Фусъ » 381 |
| » | 5ч п. п. 18 | » | » » | Фусъ » 452 |
| » | окончанія наблюденіи | » | » | Фусъ » 381 |

Смоченный термометръ:

Въ продолженіи всего времени служилъ Фусъ № 381*

Minimum термометръ:

| | | | | |
|---|---|---|---|---|
| До | 8ч д. п. | 7 Февраля | 1883 г. употребл. | Фусъ № 199 |
| » | 8ч д. п. | 5 Апрѣля | » » | Фусъ » 182 |
| » | 2ч п. п. | 30 Ноября | » » | Фусъ » 199 |
| » | 4ч п. п. | 30 » | » » | Фусъ » 194 |
| До | 4ч п. п. | 18 Апрѣля | 1884 г. употребл. | Фусъ № 199 |
| » | 5ч п. п. 18 | » | » » | Фусъ » 712 |
| » | окончанія наблюденіи | » | » | Фусъ » 199 |

Гигрометръ съ волоскомъ употреблялся оба года одинъ и тотъ же. Особенное вниманіе было обращено на поддержаніе чистоты волоска, указателя, его оси и грузика, служащаго для натяженія волоска.

Абсолютная и относительная влажности вычислялись при температурахъ выше — 10° Ц. изъ показаній психрометра; при болѣе низкихъ температурахъ абсолютная влажность выводилась при помощи гигрометра и сухаго термометра.

Вѣсовой **эвапориметръ**, приспособленный для наблюденій какъ лѣтомъ, такъ и зимою, состоялъ изъ такъ называемыхъ сортировальныхъ вѣсовъ на желѣзной подставкѣ. На концѣ одного изъ плечъ короткаго коромысла, съ призматической стальной осью, на шарнирѣ виситъ желѣзный стержень, поддерживающій мѣдную чашку, въ которой находится испаряемая вода или ледъ. Нижній конецъ соединенъ шатунчикомъ съ подставкой вѣсовъ; такимъ образомъ, плечо коромысла, стержень и шатунъ представляютъ параллелограммъ. Другое плечо коромысла соединено съ тяжелой стрѣлкой, служащей противувѣсомъ чашкѣ съ водой. Конецъ стрѣлки движется по дугѣ, прикрѣпленной къ подставкѣ вѣсовъ, которая раздѣлена такимъ образомъ, что каждое дѣленіе соотвѣтствуетъ испаренію изъ чашки слоя воды въ 0.2 мм. толщины. При діаметрѣ чашки въ 178.4 мм., поверхность воды въ ней будетъ 250 кв. см. и вѣсъ слоя воды въ 0,2 мм. толщины равняется 5 гр.;



Das trockene Thermometer:

| | | | | |
|---|---|---|---|---|
| Bis | 8h a. m. | 5. April | 1883 diente | Fuess № 381 |
| » | 10h p. m. 13. | » | » » | Fuess » 381* |
| » | 3h p. m. 18. | » | » » | Fuess » 381 |
| » | 5h p. m. 18. | » | » » | Fuess » 452 |
| » | zum Schluss der Beobachtung | | » | Fuess » 381 |

Feuchtes Thermometer:

Für die ganze Dauer der Beobachtung » Fuess » 381*

Minimum-Thermometer:

| | | | | |
|---|---|---|---|---|
| Bis | 8h a. m. | 7. Februar | 1883 » | Fuess » 199 |
| » | 8h a. m. | 5. April | » » | Fuess » 182 |
| » | 2h p. m. | 30. November | » » | Fuess » 199 |
| » | 4h p. m. | 30. | » » | Fuess » 194 |
| » | 4h p. m. | 18. April | 1884 » | Fuess » 199 |
| » | 5h p. m. 18. | » | » » | Fuess » 172 |
| » | zum Schluss der Beobachtung | | » | Fuess » 199 |

Das Haarhygrometer hat die vollen zwei Beobachtungsjahre unverändert gedient. Es wurde für Reinheit des Haares, des Zeigers, der Drehungsaxe und des das Haar spannenden Gewichtes Sorge getragen.

Bei Temperaturen über — 10° wurden die absolute und relative Feuchtigkeit aus den Angaben des Psychrometers bestimmt; bei niedrigeren Temperaturen wurde die Spannkraft des Wasserdampfes aus den Beobachtungen des trockenen Thermometers und des Haarhygrometers berechnet.

Das **Gewichtsevaporimeter** diente sowohl im Sommer für Wasserverdunstung als auch im Winter für Eisverdunstung. Es bestand im Wesentlichen aus einer Waage, welche direct die Verdunstung des Wassers oder Eises angab. An dem einen Arme eines kurzen Hebels mit stählerner Drehaxe, ist mit Scharnierbewegung ein eiserner Stab aufgehängt, der eine Messingschale trägt, welche zur Aufnahme des Wassers oder des Eises dient. Das untere Ende der Schale ist mittelst Scharnierbewegung mit dem Stativ der Waage verbunden, so dass diese ganze Vorrichtung, Hebelarm, Stab und Verbindungsstück ein Parallelogramm bilden. An dem andern Hebelarme ist ein schwerer Index befestigt, welcher das Gegengewicht für die Schale mit Wasser bildet. Dieser Index läuft längs einem Theilbogen, der am Stativ der Waage befestigt und so getheilt ist, dass ein Theil desselben einer Verdunstungshöhe des Wassers von 0.2 Mm. entspricht. Bei einem Durch-

слѣдовательно, одному дѣленію шкалы соотвѣтствуетъ измѣненіе груза въ чашкѣ на 5 гр.

Эвапориметръ помѣщался въ шкапикѣ съ стеклянной дверцой, какъ уже было упомянуто, въ деревянной будкѣ изъ жалузи, рядомъ съ цинковой термометрической клѣткой. Крышка шкапика состояла изъ двухъ выдвижныхъ частей. Въ промежуткахъ между наблюденіями, чашка съ водой, приподнятая изъ своего гнѣзда, покоилась на нихъ. Передъ наблюденіями крышка раздвигалась и чашка опускалась на свое мѣсто, послѣ чего положеніе стрѣлки отсчитывалось черезъ стеклянную дверцу шкапика. Рядомъ съ чашкой съ водой на крышкѣ шканика помѣщалась другая чашка, пустая, которая взвѣшивалась тотчасъ послѣ первой; за тѣмъ тщательно вычищалась отъ нанесенной въ нее пыли или снѣга и снова взвѣшивалась. Такимъ образомъ опредѣлялась поправка взвѣшиванія чашки съ водой, такъ какъ при одинаковыхъ размѣрахъ обѣихъ чашекъ можно допустить, что количество нанесенной въ нихъ пыли или снѣга также одинаково. Чашка эвапориметра наливалась фильтрованной дождевой или снѣговой водою почти до краевъ. Когда, вслѣдствіе испаренія, уровень ея понижался болѣе чѣмъ на 5 мм., приливали снова воды. Чтобы температура приливаемой воды была по возможности одинакова съ температурой воды въ чашкѣ, ее сохраняли въ бутылкѣ въ шкапикѣ прибора. Зимою же, если количество льда въ чашкѣ значительно уменьшалось, наполняли водой пустую чашку и выставляли ее на морозъ до тѣхъ поръ, пока образовавшійся ледъ не принималъ температуры одинаковой со льдомъ въ первой чашкѣ. При слѣдующемъ наблюденіи обѣ чашки взвѣшивали, послѣ чего прежняя вычищалась отъ льда, а вновь наполненная служила для измѣреній.

Наблюденія надъ испареніемъ дѣлались три раза въ сутки, въ $7^{\text{ч}}$ д. п., $1^{\text{ч}}$ п. п. и $9^{\text{ч}}$ п. п.; но нерѣдко случались перерывы на болѣе или менѣе продолжительное время, такъ какъ шкапикъ недостаточно защищалъ эвапориметръ отъ вѣтра. Уже при скорости вѣтра около 10 м. въ 1 сек., стрѣлка прибора совершала такія быстрыя и неправильныя колебанія, что сдѣлать наблюденія было невозможно.

messer der Schale von 178.4 Mm. ist die Oberfläche des Wassers gleich 250 Quadratcentimetern und das Gewicht einer Wasserschichte von 0.2 Mm. Höhe beträgt 5 gr. Eine Verrückung des Zeigers um 1 Theil der Scale entspricht demnach einer Gewichtsabnahme des Wassers um 5 gr.

Der Evaporimeter befand sich in einem von vorne mit Glas gedecktem Schränkchen in der das Zinkgehäuse umgebenden Holzhütte. Der Deckel des Schränkchens konnte auseinander genommen werden. In der Zeit, zwischen den Beobachtungen war die Schale aus ihrem Lager gerückt. Kurz vor der Beobachtung wurde der Deckel auseinander genommen, wodurch die Schale in ihr Lager kam und es wurde dann die Stellung des Zeigers durch die Glaswand abgelesen. Neben der Schale mit Wasser stand auf dem Deckel des Schränkchens eine zweite, leere, die sogleich nach der ersteren abgewogen wurde. Darauf wurde sie gereinigt und nochmals gewogen; hieraus wurde das Gewicht des auf der leeren Schale angesammelten Schnees oder Staubes bestimmt und es wurde dann angenommen, dass dieselbe Correction auch auf die mit Wasser gefüllte Schale anzuwenden sei, was wohl ohne wesentliche Fehler angenommen werden kann, da die Schalen ganz gleiche Dimensionen hatten und sich unter gleichen Umständen befanden. Die Schale des Evaporimeters wurde mit filtrirtem Regen- oder Schneewasser gespeist und fast bis zum Rande gefüllt. War durch Verdunstung das Niveau um 5 Mm. gesunken, so wurde neues Wasser zugegossen. Damit das nachzufüllende Wasser dieselbe Temperatur habe, wurde es in einer Flasche in demselben Schränkchen gehalten. Wenn, während des Winters, das Gewicht des Eises bedeutend abgenommen hatte, so wurde die leere Schale mit Wasser gefüllt, welches man gefrieren liess und wartete bis das Eis dieselbe Temperatur angenommen hatte, wie in der ersten Schale. Bei der darauf folgenden Beobachtung wurden beide Schalen gewogen und es trat nun die zweite an Stelle der ersten, bis die Gewichtsabnahme des Eises beträchtlich geworden war.

Die Verdunstungsversuche geschahen 3-mal täglich, um $7^{\text{h}}$ a. m., $1^{\text{h}}$ p. m. und $9^{\text{h}}$ p. m.; es sind in diesen Beobachtungen aber häufige Unterbrechungen vorgekommen, weil das Schränkchen den Evaporimeter nicht genugsam vor Wind schützte. Schon bei einer Windgeschwindigkeit von 10 Meter in der Secunde, war der Zeiger der Waage dermaassen unruhig, dass eine Ablesung

Кромѣ того, во время мятелей тонкая снѣжная пыль проникала внутрь шкапика и толстымъ слоемъ покрывала всѣ части прибора. Снаружи его совершенно заносило снѣгомъ: на крышкѣ и на чашкахъ образовывался столбъ въ 20—30 сант. При стихшей погодѣ приборъ тщательно вычищался, но вѣсъ нанесеннаго снѣга, конечно, не могъ быть опредѣленъ.

Металлическій термометръ съ шкалой Цельзія, раздѣленной черезъ цѣлыя градусы, съ указателями для наибольшей и наименьшей температуръ, отсчитывался также, какъ эвапориметръ, три раза въ сутки. При этомъ записывалось положеніе указателей и производилась ихъ установка. Этотъ приборъ употреблялся обыкновенно при экскурсіяхъ. Существенный недостатокъ его — весьма малая чувствительность. Наблюденія эвапориметра и металлическаго термометра будутъ приведены въ третьемъ томѣ этого труда.

**Термометры для наблюденія температуры почвы** въ теченіе перваго года были установлены къ востоку отъ коридора, ведшаго къ юртѣ *C*, въ разстояніи отъ него около 6 м. Лѣтомъ 1883 года они перенесены на новое мѣсто, къ сѣверу отъ станціи, обозначенное на планѣ буквой *L*.

Температура почвы наблюдалась на глубинахъ: 0.4 м., 0.8 м. и 1.6 м. Термометры для этихъ наблюденій были заключены въ мѣдныя оправы, нижнія концы которыхъ, гдѣ приходились шарики термометровъ, были заполнены мѣдными опилками и саломъ. Оправы были прикрѣплены къ штокамъ соотвѣтственной длины. Въ песчаный грунтъ были врыты вертикально три стеклянныя трубы, въ разстояніи одна отъ другой около 1 метра, въ одну линію по меридіану. Въ нихъ опускались термометры, при чемъ мѣдные колпачки на верхнихъ концахъ штоковъ плотно закрывали отверзтія трубъ. Кромѣ того всѣ три трубы покрывались еще сверху деревяннымъ ящикомъ. Глубины: 0.4, 0.8 и 1.6 м. относятся къ шарикамъ термометровъ и измѣрялись отъ деревянной доски на поверхности земли, сквозь которую трубы были пропущены. Около этого же мѣста были расположены — горизонтально — термометры на поверхности земли и на поверхности снѣга, огражденные проволочными рѣшетками. Зимою вѣтеръ, встрѣчая препятствіе въ строеніяхъ станціи, заносилъ ихъ снѣгомъ вплоть до крышъ, такъ что съ нѣкотораго разстоянія проdesselben unmöglich wurde. Bei Schneewehen drang der Schneestaub in das Schränkchen und bedeckte mit einer dicken Schichte alle Theile der Waage. Von aussen wurde das Schränkchen ganz verweht, auf dem Deckel und in den Schalen sammelten sich zuweilen Schneemassen von 20—30 Cm. Mächtigkeit an. Bei Nachlassen des Schneewehens wurde der Apparat sorgfältig gereinigt, eine Bestimmung des Gewichtes des angewehten Schnees konnte aber selbstverständlich nicht gemacht werden.

Das Metallthermometer wurde mit dem Evaporimeter zugleich abgelesen. Es wurden hierbei die Stellungen beider Zeiger notirt und dieselben dann auf die ursprüngliche Stellung zurückgeführt. Dieses Thermometer diente gewöhnlich bei Excursionen. Sein wesentlichster Mangel besteht in einer sehr geringen Empfindlichkeit.

Die Beobachtungen über Verdunstung werden im 3. Theile dieses Werkes aufgeführt werden.

Während des 1. Beobachtungsjahres waren die **Thermometer zu den Bodenbeobachtungen** östlich von der Gallerie aufgestellt, welche zur Hütte *C* führte in einer Entfernung von etwa 6 Meter. Im Sommer 1883 wurde ein anderer Ort für sie gewählt, nördlich von der Station; der Ort ist auf dem beigelegten Plane mit *L* bezeichnet.

Die Bodentemperatur wurde in den Tiefen 0.4—0.8 und 1.6 Meter gemessen. Die zu diesem Zwecke dienenden Thermometer waren in Messingröhren eingeschlossen, die im unteren, das Reservoir umgebenden, Theile mit Messingfeilicht und Fett gefüllt waren. Die Messingröhren sassen an Stöcken. Die Thermometer wurden mit ihren Hüllen in Glasröhren gelassen, die in 1 M. Entfernung von einander senkrecht in den Boden gesteckt waren, und in einer von Nord nach Süd gehenden Graden lagen. Eine auf das obere Ende des Stockes gesetzte Messingkappe schloss das Glasrohr von oben. Ausserdem wurden die Röhren noch durch übergestellte Holzkasten geschützt. Die angegebenen Tiefen für die Bodenthermometer bezeichnen den Abstand der Thermometerreservoire von einem auf den Boden gelegtem Brette, durch welches die Glasröhren gesteckt waren. In nächster Nähe von diesem Thermometern befanden sich noch die beiden andern Thermometer, welche zur Bestimmung der Temperatur der Boden- und Schneeoberfläche dienten. Die letzteren lagen horizontal auf dem Boden und waren durch

странство, занимаемое станціею, представлялось снѣговымъ холмомъ. Около почвенныхъ термометровъ слой снѣга имѣлъ толщину болѣе двухъ метровъ. Въ тундрѣ въ то же время онъ едва достигалъ 25 сант. Поэтому, въ теченіе первой зимы, наблюденія надъ температурой почвы были произведены не вполнѣ въ тѣхъ условіяхъ, въ которыхъ находилась окрестная мѣстность; на нихъ могло отразиться согрѣвающее вліяніе снѣговаго покрова такой значительной толщины. Въ виду этого обстоятельства, къ сѣверу отъ станціи (на планѣ пунктъ *L*) было избрано новое мѣсто для такого рода наблюденій и на немъ установлены запасные термометры въ деревянныхъ трубахъ. Показанія ихъ записывались тотчасъ послѣ отсчета прежнихъ почвенныхъ термометровъ. Такимъ образомъ, въ теченіе двухъ мѣсяцевъ — съ половины Апрѣля 1883 г. и до половины Іюня — велись двойныя наблюденія надъ температурой почвы. Въ Іюнѣ 1883 года, при усилившемся таяніи снѣговъ, въ трубы почвенныхъ термометровъ стала попадать вода. Замерзая на глубинѣ, она разорвала стеклянныя трубы, вслѣдствіе чего термометры съ глубинъ 0.4 м. и 0.8 м. были перенесены на новое мѣсто, и установлены въ деревянныхъ трубахъ, предварительно туго обернутыхъ парусиной на салѣ. 14 Іюня перенесенъ туда же термометръ съ поверхности снѣга. Термометръ на глубинѣ 1.6 м. примерзъ къ своей трубѣ. Изъ опасенія повредить его, мерзлую землю вокругъ трубы оттаивали постепенно; трубу достали только въ концѣ Іюля, причемъ, какъ она, такъ и термометръ все-таки оказались совершенно раздробленными. 25 Іюля на новомъ мѣстѣ установили другой термометръ на глубинѣ 1.6 м. и перенесли туда термометръ съ поверхности земли. Относительное расположеніе почвенныхъ термометровъ на новомъ мѣстѣ сохранено прежнее.

Наблюденія надъ температурой почвы были сопряжены съ немалыми затрудненіями. Во время часто повторявшихся бурановъ приходилось непрерывно день и ночь расчищать снѣгъ около нихъ. Не смотря на всѣ принятыя предосторожности снѣгъ все-таки проникалъ въ трубы термометровъ и, накопляясь мало по малу на днѣ ихъ, препятствовалъ опустить термометръ до надлежащей глубины;

ein Drahtnetz geschützt. Im Winter waren die Stationsgebäude von angewehtem Schnee bis zum Dache gedeckt, so dass sie aus der Ferne einem Schneehügel glichen; in der Umgebung der Bodenthermometer bildete der Schnee eine Schichte von zwei Meter Mächtigkeit, während er in der umgebenden Tundra nicht mehr als 25 Cm. hoch lag. Im Laufe des ersten Winters sind daher die Bodentemperaturen nicht unter denselben Umständen gemessen worden, unter welchen sich die umgebende Oertlichkeit befand; es konnte auf die Angaben der Thermometer die schützende Schneedecke von beträchtlicher Dicke einigen Einfluss ausüben. Um einen solchen Einfluss constatiren resp. eliminiren zu können, wurde nördlich von der Station, auf dem mit *L* bezeichneten Orte ein zweiter Beobachtungspunct gewählt, auf welchen Reservethermometer in Holzröhren aufgestellt wurden. Diese Thermometer wurden unmittelbar nach den ersten abgelesen. Während zweier Monate, von Mitte April 1883, bis Mitte Juni, wurden doppelte Beobachtungen über Bodentemperaturen gemacht. Im Juni 1883 bei starker Schneeschmelze, drang in die Röhre der Bodenthermometer Wasser, welches in der Tiefe gefror und die Glasröhren sprengte. Es wurden nun die Thermometer für 0.4 und 0.8 Meter Tiefe an den neuen Beobachtungsort gebracht, wo sie in Holzröhren gelassen wurden, welche mit gefettetem Segeltuch umwickelt waren. Am 14. Juni wurde dorthin auch das Thermometer für die Bodenoberfläche übergeführt. Das Thermometer in 1.6 M. Tiefe war fest an den Boden gefroren. Fürchtend dasselbe beim Herausnehmen zu beschädigen, liess man den Boden um das Thermometer langsam aufthauen. Diese Operation wurde erst Ende Juli abgeschlossen, es zeigte sich aber, dass sowohl das Glasrohr als auch das Thermometer zerbrochen waren. Es wurde daher am 25. Juli an dem neugewählten Beobachtungspuncte in der Tiefe von 1.6 M. ein neues Thermometer gestellt. Die relative Stellung der Bodenthermometer gegen einander blieb an dem neuen Beobachtungspuncte dieselbe wie früher.

Die Messungen der Bodentemperatur waren mit sehr grossen Schwierigkeiten verbunden. Bei heftigen Schneestürmen musste der Schnee um die Thermometer beständig fortgeschafft werden, eine Arbeit die Tag und Nacht in Anspruch nahm. Trotz aller Anstrengung gelang es nicht die Röhren vor eindringendem Schnee zu schützen, der sich allmälig am Boden der Röhren ansammelte und

при неплотно же закрытой трубѣ онъ скоро наполнялъ ее всю. Нѣсколько разъ случалось, что мятель дѣлала тщетными всѣ усилія при расчисткѣ снѣга, такъ что наблюденія должно было прерывать на нѣкоторое время. Тропинка отъ крытаго корридора къ почвеннымъ термометрамъ (на новомъ мѣстѣ) длиною въ 25 шаговъ была обозначена вѣхами. Тѣмъ не менѣе, былъ случай, когда наблюдатель заблудился, возвращаясь оттуда въ комнату.

nicht gestattete die Thermometer tief genug einzulassen; war aber das Rohr von Oben nicht fest geschlossen, so wurde es sehr bald ganz mit Schnee gefüllt. Wiederholt ereignete es sich, dass heftige Schneewehen eine Reinigung der Oertlichkeit unmöglich machte, so dass die Beobachtungen auf einige Zeit unterbrochen werden mussten. Der Weg von der Gallerie zu den Bodenthermometern in ihrer neuen Stellung war nur 25 Schritt lang und durch Pfähle abgesteckt, trotzdem ist es vorgekommen, dass der Beobachter auf dem Rückwege zur Station sich verirrte.

Почвенные термометры, сравнительно съ другими, чаще повреждались и приходили въ негодность, а потому и случаевъ замѣны ихъ новыми было больше. Эти замѣны произведены въ слѣдующіе дни:

Die Bodenthermometer waren viel häufigeren Beschädigungen ausgesetzt als alle anderen Instrumente und sie mussten daher weit öfter durch neue Instrumente ersetzt werden. Diese Auswechslungen sind im Folgenden angegeben:

| Термометръ на поверхности снѣга: | | | Thermometer an der Schneeoberfläche: | | |
|---|---|---|---|---|---|
| До 20-го Ноября 1882 | 7ч д. п. | Fuess № 286 | bis zum 20. November 1882 | 7h a. m. | |
| » 21-го Декабря » | 3ч д. п. | Fuess № 193 | » 21. December » | 3h a. m. | |
| » 5-го Апрѣля 1883 | 8ч д. п. | Fuess № 187 | » 5. April 1883 | 8h a. m. | |
| » 30-го Ноября » | 5ч п. п. | Fuess № 390 | » 30. November » | 5h p. m. | |
| До конца наблюденій | | Fuess № 194 | bis zum Schluss der Beobachtungen. | | |

| Термометры на поверхности земли: | | | Thermometer auf der Erdoberfläche: | | |
|---|---|---|---|---|---|
| До 21-го Сентября 1882 | 10ч п. п. | Fuess № 287 | bis zum 21. September 1882 | 10h p. m. | |
| » 11-го Декабря » | 1ч п. п. | Fuess № 294 | » 11. December » | 1h p. m. | |
| » 5-го Апрѣля 1883 | 8ч д. п. | Fuess № 194 | » 5. April 1883 | 8h a. m. | |
| » 29-го Ноября » | 8ч д. п. | Fuess № 388 | » 29. November » | 8h a. m. | |
| » 27-го Января 1884 | 5ч д. п. | Fuess № 187 | » 27. Januar 1884 | 5h a. m. | |

27 Января въ 6ч д. п. дежурный наблюдатель нашелъ этотъ термометръ разбитымъ и такъ какъ на станціи не было болѣе запаснаго спиртоваго термометра для его замѣны, наблюденія температуры на поверхности земли пришлось прекратить. 18 Февраля на станціи получены были, присланные по почтѣ, два ртутные термометра Фуса № 452 и № 452* и два спиртовыхъ Фуса № 712 и 717. Поэтому съ 4ч п. п. этого дня наблюденія были возобновлены.

Am 27. Januar um 6h a. m. fand der Beobachter das Instrument zerbrochen und da der Station kein ferneres Weingeistthermometer zur Verfügung stand, so mussten die Temperaturen an der Erdoberfläche bis zum 18. Februar sistirt werden. An diesem Tage erhielt die Station durch Postsendung zwei neue Quecksilberthermometer Fuess № 452 und № 452* und zwei Weingeistthermometer Fuess № 712 und № 717. Um 4h p. m. des genannten Tages wurden die Beobachtungen von neuem aufgenommen, wobei zur Anwendung kamen:

| | | |
|---|---|---|
| До 20-го Іюня 1884 | Fuess № 717 | bis zum 20. Juni 1884. |
| » конца наблюденій | Fuess № 712 | » Schluss der Beobachtung. |

| Термометры на глубинѣ 0.4 м. | | | Thermometer in 0.4 M. Tiefe: | | |
|---|---|---|---|---|---|
| До 24-го Іюня 1883 | 7ч д. п. | Fuess № 389 | bis zum 24. Juni 1883 | 7h a. m. | |
| » 25-го Іюня » | 12ч п. | Reinhard № 2 | » 24. Juni » | 12h m. | |
| » 29-го Ноября » | 8ч д. п. | Fuess № 390 | » 29. November » | 8h a. m. | |

До 25-го Февраля 1884 Fuess № 388 bis zum 25. Februar 1884
» конца наблюденій Fuess № 452 » Schluss der Beobachtungen.

Термометры на глубинѣ 0.8 м. Thermometer in 0.8 M. Tiefe:
До 30-го Ноября 1883 9ч п. п. Fuess № 259 bis zum 30. November 1883 9h p. m.
» конца наблюденій Fuess № 294 » Schlusse der Beobachtungen.

Термометры въ глубинѣ 1.6 м. Thermometer in 1.6 M. Tiefe:
До 2-го Марта 1883 1ч п. п. Fuess № 253 bis zum 2. März 1883 1h p. m.
» конца наблюденій Fuess № 286 » Schluss der Beobachtungen.

При первоначальномъ устройствѣ станціи члены экспедиціи въ такой мѣрѣ были завалены работой, что **повѣрка точекъ 0° термометровъ** могла быть предпринята только 6 Февраля 1883 года. За тѣмъ въ оба года она повторена 9 разъ. Результаты повѣрокъ оказались слѣдующіе:

Die erste **Verification der Gefrierpuncte** der Thermometer musste bis auf den Februar 1883 aufgeschoben werden, weil die Mitglieder der Expedition bis dahin zu sehr mit Arbeiten zur Einrichtung der Station überhäuft waren. Später sind diese Verificationen neunmal gemacht worden. Die Resultate dieser Prüfungen sind in folgender Tabelle zusammengestellt.

| | Fuess. | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 381 | 381* | 294 | 145 | 388 | 286 | 182 | 390 | 187 | 199 | 194 | 294 | 717 | 452 | |
| 6 Февраля 1883 | —0.08 | —0.13 | —0.07 | —0.50 | —0.14 | —0.12 | +1.59 | —0.13 | — | — | — | — | — | — | 6 Febr. |
| 4 Апрѣля 1883 | —0.13 | —0.15 | —0.08 | — | —0.12 | — | +1.85 | —0.12 | +0.21 | —0.22 | +0.34 | — | — | — | 4 April. |
| 14 Іюня 1883 | — | — | — | —0.48 | —0.14 | — | — | —0.11 | +0.29 | — | +0.41 | —0.08 | — | — | 14 Juni. |
| 13 Августа 1883 | —0.20 | —0.14 | —0.06 | —0.42 | —0.06 | — | — | — | +0.56 | —0.06 | +0.46 | — | — | — | 13 Aug. |
| 11 Октября 1883 | —0.18 | — | —0.09 | — | —0.17 | — | — | — | +0.37 | —0.15 | +0.52 | — | — | — | 11 Octob. |
| 30 Ноября 1883 | —0.16 | —0.20 | —0.18 | — | —0.09 | — | — | — | +0.64 | +0.04 | +0.46 | — | — | — | 30 Nov. |
| 16 Января 1884 | —0.12 | —0.12 | — | — | — | — | — | — | +0.50 | +0.26 | +0.51 | — | — | — | 16 Jan. |
| 24 Февраля 1884 | —0.10 | —0.09 | — | — | — | — | — | — | — | +0.44 | +0.75 | — | +0.11 | +0.18 | 24 Febr. |
| 17 Апрѣля 1884 | —0.18 | —0.17 | — | — | — | — | — | — | — | +0.44 | +0.11 | — | —0.57 | +0.05 | 17 April. |

| | Geissler. | | | Baudin. | | |
|---|---|---|---|---|---|---|
| | 212 | 18 | 18* | 7141 | 7142 | |
| 6 Февраля 1883 | +0.06 | — | — | —0.77 | —0.03 | 6 Februar. |
| 4 Апрѣля 1883 | — | —0.51 | —0.10 | —0.68 | —0.02 | 4 April. |
| 14 Іюня 1883 | +0.06 | —0.60 | — | —0.88 | —0.05 | 14 Juni. |
| 13 Августа 1883 | +0.08 | —0.58 | — | —0.62 | — | 13 August. |

При обработкѣ наблюденій отсчеты термометровъ до Января 1883 года исправлялись поправками, найденными на Главной Физической Обсерваторіи при изслѣдованіи ихъ, передъ отправленіемъ экспедиціи изъ С.-Петербурга, и приведенными въ началѣ этого предисловія. Для наблюденій въ Январѣ, Февралѣ и Мартѣ употреблены тѣ же поправки, исправленныя отъ измѣненія положенія точекъ 0°, повѣренныхъ 6 Февраля. Повѣрка 4 Апрѣля принята во вниманіе при исправленіи показаній термометровъ въ Апрѣлѣ и Маѣ. Въ Іюнѣ и Іюлѣ введены въ наблюденія результаты повѣрки 14 Іюня, наконецъ повѣрка 13 Августа употреблена для обработки Августовскихъ и Сентябрьскихъ наблюденій. Наблюденія въ Октябрѣ ис-

Bei der Bearbeitung des Beobachtungsmaterials sind diese Correctionen folgendermaassen in Betracht gezogen. Bis zum Jannar 1883 wurden zur Berechnung diejenigen Correctionen angewandt, welche vor der Abreise aus St. Petersburg im Centralobservatorium bestimmt und p. III mitgetheilt sind. Für die Beobachtungen vom Januar, Februar und März wurden dieselben Correctionstabellen benutzt, nachdem sie, entsprechend der Verschiebung des Nullpunktes, wie solche aus den Beobachtungen vom 6. Februar gefunden wurde, verändert worden. Die Verification vom 4. April diente für die Beobachtungen im April und Mai. Für den Juni und Juli dienten die Verificationen vom 14. Juni, während die vom 13. August

правлялись поправками, найденными въ томъ же мѣсяцѣ; поправки, опредѣленныя въ Ноябрѣ мѣсяцѣ служили для Ноябрьскихъ и Декабрьскихъ наблюденій. Изслѣдованія въ Январѣ и Февралѣ 1884 года употреблены для исправленія наблюденій въ тѣ же мѣсяцы; остальныя наблюденія исправлялись поправками, найденными въ Апрѣлѣ.

Для измѣренія осадковъ служилъ цилиндрическій **дождемѣръ**, въ пріемное отверзтіе котораго было вставлено обточенное кольцо. Дождемѣръ имѣлъ два дна: верхнее — вогнутое, представляло сито, протекая черезъ которое вода собиралась въ цилиндрическомъ же продолженіи дождемѣра, меньшаго діаметра, чѣмъ верхняя его часть, оканчивавшемся къ низу конусомъ. Въ вершинѣ конуса находился кранъ для выпуска воды, когда дождемѣръ приносился въ комнату. Количество влаги измѣрялось стекляннымъ цилиндромъ, раздѣленнымъ на равные объемы. Доли 1 дѣленія при измѣреніи пренебрегались. Дѣленія измѣрительнаго цилиндра и площадь пріемнаго отверзтія дождемѣра были соображены такимъ образомъ, что одно дѣленіе соотвѣтствовало слою выпавшей воды въ $^1/_{10}$ мм. высоты.

На станціи имѣлось два дождемѣра, изъ которыхъ одинъ находился въ комнатѣ, другой же подвѣшивался на деревянномъ столбѣ, обозначенномъ на планѣ буквой *N*. Верхній край его приходился при этомъ на высотѣ 4.39 м. надъ поверхностью земли. Три раза въ сутки они перемѣнялись: бывшій въ комнатѣ, послѣ осмотра — не осталось ли въ немъ осадочной влаги отъ предшествовавшаго наблюденія — выносился закрытымъ и подвѣшивался на мѣсто снятаго, который немедленно закрывался тою же крышкой и принесенный въ комнату, оставался въ такомъ видѣ до слѣдующаго наблюденія. Послѣ каждой перемѣны ихъ, по прошествіи нѣкотораго времени, когда можно было ожидать, что снѣгъ растаялъ и, вообще, влага стекла въ нижнюю часть дождемѣра, производилось измѣреніе количества ея.

Въ оба года существованія станціи наблюденія надъ осадками были только одинъ разъ прерваны и то на самое непродолжительное время, когда во время сильнаго бурана напоромъ вѣтра вырвало обѣ скобы, которыми дождемѣръ подвѣшивался на крючки. Черезъ часъ поврежденіе было исправлено и онъ былъ снова подвѣшенъ на свое мѣсто.

Съ наступленіемъ зимы, съ цѣлью противодѣйствія

für die Beobachtungen vom August und September angewandt wurden. Die Verificationen vom October dienten für diesen Monat, die des November für November und December; Januar und Februar für die entsprechenden Monate; für den Rest der Beobachtungszeit dienten die im April 1884 bestimmten Correctionen.

Zur Messung der Niederschlagsmenge diente ein **Pluviometer** mit abgedrehtem Reifen und doppeltem Boden, von welchen der obere ein nach unten gewölbtes Sieb bildet. Das Wasser fliesst von hier in einen cylindrischen Ansatz von geringerem Querschnitt ab, der unten in einen Kegel übergeht. Aus der Spitze des Kegels wird das Wasser durch einen Hahn ausgelassen, nachdem der Apparat vom Beobachtungsorte in das Zimmer gebracht worden. Das Wasser wird in einen calibrirten Maasscylinder gesammelt, dem solche Dimensionen gegeben, dass einem Theilstrich desselben eine Regenhöhe von 0,1 Mm. entspricht. Die Unterabtheilungen des Maasscylinders wurden vernachlässigt, so dass die Messungen nur bis $^1/_{10}$ Mm. Regenhöhe geben.

Die Station besass zwei ganz gleiche Regenmesser, von welchen abwechselnd der eine sich im Zimmer befand, während der andere an einem auf dem Plane mit *N* bezeichneten Pfahle hing. Der obere Rand des Regenmessers war 4.39 Meter über dem Boden. Dreimal täglich wurden die Regenmesser gegen einander ausgewechselt. Der eine Apparat wurde, nachdem man sich überzeugt, dass kein Rest von Wasser nachgeblieben, verdeckt hinausgebracht und an Stelle des dort befindlichen an den Pfahl gehängt, der mit dem Deckel des ersten verschlossen in das Zimmer getragen wurde und dort so lange stehen blieb, bis der in ihm enthaltene Schnee geschmolzen war oder bis man annehmen konnte, dass alles Wasser sich im untersten Raume angesammelt hatte. Darauf wurde das Wasser in den Maasscylinder gelassen und die Regenhöhe gemessen.

Im Laufe der zwei Beobachtungsjahre haben die Messungen der Niederschlagsmengen nur einmal eine Unterbrechung erlitten und auch die nur auf sehr kurze Zeit, als bei einem sehr heftigen Sturme ein Windstoss den Pluviometer mit der Klammer, an welcher er am Hacken des Pfahles hing, abriss. Der Schaden wurde im Laufe einer Stunde reparirt und der Apparat wieder neu aufgehängt.

Um im Laufe des Winters bei stärkeren Stürmen das

выдуванію изъ дождемѣра, при свѣжихъ вѣтрахъ, выпавшаго снѣга, въ него вставлялся крестъ изъ двухъ цинковыхъ листовъ, раздѣлявшій широкое цилиндрическое пространство въ немъ на 4 части. Однако мѣра эта мало приносила пользы: даже при сильномъ паденіи снѣга, если только въ то время дулъ сильный вѣтеръ, въ дождемѣрѣ оказывалось лишь весьма незначительное количество его. Въ тихую же погоду снѣгъ рѣдко падалъ. Поэтому, зимою приборъ давалъ ненадежныя результаты и измѣренное количество осадковъ было менѣе дѣйствительнаго.

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Для обозначенія различныхъ метеорологическихъ явленій, при записываніи наблюденій, на станціи употреблялись знаки и сокращенія, принятыя международнымъ метеорологическимъ конгрессомъ и помѣщенныя въ „Инструкціи для метеорологическихъ станцій въ Россіи“.

Такъ какъ первоначально предполагалось, что станція на устьѣ р. Лены будетъ существовать всего 1 годъ, запасъ взятыхъ съ собою книжекъ для записыванія наблюденій былъ разсчитанъ только на это время. Поэтому, въ теченіе втораго года наблюденій пришлось изготовлять ихъ на станціи, что составило крайне тягостное добавленіе къ занятіямъ наблюдателей, почти не знавшихъ отдыха.

Тотчасъ по окончаніи каждаго ряда наблюденій, результаты переписывались наблюдателемъ въ журналъ станціи, гдѣ отмѣчались также время начала и конца наблюденій по хронометру и поправка послѣдняго. Это дѣлалось съ тою цѣлью, чтобы впослѣдствіи, при обработкѣ наблюденій, если бы понадобилось, можно было приводить ихъ къ опредѣленнымъ моментамъ. Но, благодаря строго соблюдавшейся послѣдовательности отсчетовъ, интерполировать наблюденія надобности не встрѣтилось.

Приборы отсчитывались при ежечасныхъ наблюденіяхъ въ слѣдующемъ порядкѣ:

Барометръ Турретини.
Анемометръ Гагемана.
Большой флюгеръ.
Сухой термометръ.

Herauswehen des Schnees durch den Wind zu verhüten oder doch zu vermindern wurde in den Apparat ein aus zwei Zinkblechen gebildetes Kreuz gelegt. Dasselbe theilte den weiten cylindrischen Raum des Pluviometers in 4 Theile. Diese Vorsichtsmaasregel war jedoch von nur geringem Erfolge begleitet, denn selbst bei starkem Schneefalle sammelte sich, wenn derselbe von heftigem Winde begleitet war, nur sehr wenig Schnee im Pluviometer an. Bei stillem Wetter fand aber Schneefall überhaupt selten statt. Im Winter sind daher die Angaben des Pluviometers unzuverlässig und die gemessene Regenmenge jedenfalls zu gering.

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Für die verschiedenen meteorologischen Erscheinungen sind die Bezeichnungen gebraucht worden, welche durch den internationalen Meteorologencongress adoptirt und in der «Instruction für die meteorologischen Stationen Russlands von H. Wild» mitgetheilt sind.

Alle Beobachtungen wurden in besondere Journäle eingetragen, wie dieselben auf den russischen meteorologischen Stationen im Gebrauche sind. Da die Lenastation ursprüglich nur auf ein Jahr projectirt war und auch dem entsprechend ausgerüstet wurde, so reichte der Vorrath der Beobachtungsjournäle für das 2. Jahr selbstverständlich nicht aus. Es mussten daher diese Journäle für das 2. Jahr auf der Station selbst hergestellt worden, was einen höchst lästigen Zuwachs an Arbeit gab.

Sogleich nach Schluss der Beobachtungen für eine Stunde wurden die Beobachtungsresultate in ein Hauptbuch eingetragen, wo auch der Moment der ersten und letzten Ablesung nach dem Chronometer verzeichnet wurden, sowie auch die Correction des Chronometers. Es geschah dies aus Vorsicht um später bei Bearbeitung des Materials eine Reduction der Beobachtungen auf einen bestimmten Zeitmoment ausführen zu können, falls sich dieses als erforderlich erweisen sollte. Dank indessen der streng eingehaltenen Reihenfolge der Ablesungen hat sich eine solche Reduction als unnöthig erwiesen.

Bei stündlichen Beobachtungen wurden die Instrumente in folgender Reihenfolge abgelesen:

Barometer Turretini.
Anemometer Hagemann.
Grosse Windfahne.
Trockenes Thermometer.

Смоченный термометръ.
Минимумъ-термометръ.
Волосной гигрометръ.
Металлическій термометръ.
Малый флюгеръ съ силомѣрной доской.
Термометръ на поверхности снѣга.
Термометръ на поверхности земли.
Термометръ на глубинѣ 0.4 м.
Облачность и другія явленія.
Анемометръ Казелла.

Въ 7ч утра, 1ч пополудни и въ 9ч вечера, наблюдались еще другіе приборы; тогда порядокъ наблюденій былъ слѣдующій:

Барометръ Турретини.
Барометръ Паррота.
Анемометръ Гагемана.
Анероидъ Ноде № 94.
Анероидъ Ноде № 152.
Большой флюгеръ.
Сухой термометръ.
Смоченный термометръ.
Минимумъ-термометръ.
Волосной гигрометръ.
Металлической термометръ.
Эвапориметръ.
Малый флюгеръ съ доскою.
Термометръ на поверхности снѣга.
Термометръ на поверхности земли.
Термометръ на глубинѣ 0.4 м.
Термометръ на глубинѣ 0.8 м.
Термометръ на глубинѣ 1.6 м.
Облачность и другія явленія.
Термометръ при дождемѣрѣ на высотѣ 3.53 м.
Термометръ при маломъ флюгерѣ на высотѣ 5.78 м.
Анемометръ Казелла.
Осадки.

Для отсчета всѣхъ инструментовъ требовалось около 15 минутъ. Это время распредѣлялось такимъ образомъ, что наблюденіе температуры воздуха и влажности, какъ элементовъ наиболѣе подверженныхъ быстрымъ перемѣнамъ, совпадало съ полнымъ часомъ мѣстнаго средняго времени.

Въ заключеніе остается прибавить, что весь собранный научный матеріалъ, по окончаніи обработки его и опубликованіи, будетъ сданъ на храненіе въ Главную Фи-

Feuchtes Thermometer.
Minimum-Thermometer.
Haarhygrometer.
Metallthermometer.
Kleine Windfahne nebst Windtafel.
Thermometer an der Schneeoberfläche.
Thermometer an der Erdoberfläche.
Bodenthermometer in 0.4 M. Tiefe.
Bewölkung etc.
Anemometer Casella.

Um 7h a. m., 1h p. m. und 9h p. m. kamen noch andere Beobachtungen hinzu und dann wurde folgende Reihenfolge eingehalten:

Barometer Turretini.
Barometer Parrot.
Anemometer Hagemann.
Aneroïd Naudet № 94.
Aneroïd Naudet № 152.
Grosse Windfahne.
Trockenes Thermometer.
Feuchtes Thermometer.
Minimum-Thermometer.
Haarhygrometer.
Metallthermometer.
Evaporimeter.
Kleine Windfahne nebst Tafel.
Thermometer an der Schneeoberfläche.
Thermometer an der Erdoberfläche.
Bodenthermometer in 0.4 M. Tiefe.
Bodenthermometer in 0.8 M. Tiefe.
Bodenthermometer in 1.6 M. Tiefe.
Bewölkung und andere Erscheinungen.
Thermometer am Pluviometer in 3.53 M. Höhe.
Thermometer an der kleinen Windfahne in 5.78 M. H.
Anemometer Casella.
Niederschlagsmenge.

Die Ablesung aller dieser Instrumente erforderte etwa 15 Minuten und wurden die Ablesungen so vertheilt, dass die Beobachtungen der trockenen und feuchten Thermometer, die den schnellsten Veränderungen unterworfen sind, auf die volle Stunde mittlerer Ortszeit fielen, um welche sich die anderen Ablesungen symetrisch gruppirten.

Zum Schluss sei noch erwähnt, dass das volle Beobachtungsmaterial nach endgültiger Bearbeitung im Archiv des physikalischen Centralobservatoriums in St. Peters-

зическую Обсерваторію, дабы въ случаѣ какихъ либо сомнѣній всегда можно было справиться съ подлинниками.

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При печатаніи метеорологическихъ наблюденій принятъ слѣдующій порядокъ: сначала помѣщены всѣ обязательныя наблюденія, съ соблюденіемъ формы принятой на международной полярной конференціи въ Вѣнѣ. За ними слѣдуютъ выводы изъ наблюденій, представляющія суточный, мѣсячный и годовой ходъ метеорологическихъ элементовъ. Отъ вычисленія розъ: термическихъ, атмическихъ и другихъ—мы полагали лучшимъ отказаться, не только вслѣдствіе неизбѣжнаго тогда замедленія въ выходѣ этой книги, но главнымъ образомъ потому, что розы можно и должно вычислять различными способами, смотря по цѣли, для которой онѣ предназначаются. Вычисленныя же по опредѣленному способу для нѣкоторой надобности, для другой цѣли должны быть снова перевычислены.

За наблюденіями перваго года и выводами изъ нихъ слѣдуютъ непосредственно наблюденія за второй годъ.

Чтобы представить метеорологическія явленія, въ ихъ періодическомъ измѣненіи, болѣе наглядными, въ концѣ книги приложены многія діаграммы, при чемъ, по возможности, сохраненъ масштабъ, принятый Французской экспедиціей. Такимъ образомъ, явленія на устьяхъ Лены сдѣланы сравнимыми съ таковыми же на м. Горнъ не только въ качественномъ, но и въ количественномъ отношеніи. Было бы желательно, чтобы и другія полярныя станціи избрали бы тотъ же масштабъ, черезъ что сравненіе всѣхъ полученныхъ результатовъ въ значительной степени облегчилось бы:

Кромѣ того мы приложили планъ станціи, показывающій расположеніе отдѣльныхъ построекъ и нѣкоторыхъ приборовъ. Вслѣдствіе избраннаго для него масштаба въ 1: 840 мишени, служавшія для оріентированія нѣкоторыхъ приборовъ, не помѣстились на планѣ, положеніе ихъ относительно послѣднихъ указано пунктирными линіями, а удаленіе отъ приборовъ надписано около этихъ линій.

burg deponirt werden wird, damit man in irgend zweifelhaften Fällen zu den Originalbeobachtungen Zuflucht nehmen kann.

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In Bezug auf die Publicationen des Beobachtungsmaterials ist zu bemerken, dass vorerst alle obligatorischen Beobachtungen mitgetheilt sind in möglichstem Anschlusse an die auf der Wiener internationalem Polarconferenz gefassten Beschlüsse. An diese Tafeln fügt sich ein Résumé der Beobachtungen an, in welchem die meteorologischen Elemente einmal nach Stundenmitteln, dann nach Tagesmitteln zusammengestellt sind. Von einer Berechnung der Windrosen für die verschiedenen Erscheinungen haben wir geglaubt Abstand nehmen zu sollen, nicht nur weil die Berechnung derselben die Publication des Werkes verzögert hätte, sondern vornehmlich deshalb, weil die Rosen verschiedenartig berechnet werden können und müssen, je nach Bedürfniss, und die nach einer Methode für einen bestimmten Zweck berechneten zu einem anderen Zwecke doch umgerechnet oder neu berechnet werden müssten.

An die Beobachtungen des ersten Jahres und das Résumé aus denselben schliesst sich direct das 2. Beobachtungsjahr an.

Um die meteorologischen Erscheinungen in ihrem periodischen Gange leichter anschaulich zu machen sind der Abhandlung Diagramme beigefügt, wobei wir, so weit es thunlich war, den von der französischen Expedition gewählten Maassstab beibehalten haben, wodurch die Erscheinungen an der Lenamündung mit denen am Cap Horn nicht nur qualitativ sondern direct quantitativ vergleichbar werden. Es wäre zu wünschen, dass auch die anderen Polarstationen des internationalen Unternehmens denselben Maassstab wählten, wodurch eine Vergleichung aller durch das internationale Zusammenwirken erlangten Resultate wesentlich erleichtert würde.

Wir haben diesem Bande ferner einen Situationsplan der Station beigelegt, aus welchem die Vertheilung der einzelnen Baulichkeiten und zum Theil die Aufstellung der Instrumente ersichtlich ist. Bei dem gewählten Maassstabe von 1: 840 konnten die exstremsten Punkte der Station auf demselben keinen Platz finden, sie sind durch punctirte Richtungslinien und eingeschriebene Entfernungen angedeutet.

Видъ станціи, находящійся въ началѣ книги, даетъ понятіе о характерѣ мѣстности, въ которой станція расположена. Этотъ видъ сдѣланъ геліографическимъ путемъ съ карандашнаго рисунка, составленнаго по фотографіи станціи и по плану ея. При этомъ нѣкоторыя детали увеличены для большей ясности.

Наконецъ приложенная карта устьевъ Лены имѣетъ назначеніе показать географическое положеніе станціи. Карта названа предварительною, потому что астрономическія опредѣленія еще не разработаны въ окончательномъ видѣ, вслѣдствіе чего можно ожидать нѣкоторыя измѣненія въ контурахъ береговъ. Географическія координаты станціи, опредѣлены уже теперь довольно точно и большихъ измѣненій въ нихъ ожидать нельзя. Нами приняты слѣдующія координаты:

$\varphi = 73^\circ\ 22'\ 48''$
$\lambda = 8^{ч}\ 16^{м}\ 20^{с}$ къ востоку отъ Гр.

Die an die Spitze des Werkes gestellte Ansicht der Station soll ein landschaftliches Bild derselben geben. Sie ist nach einer Bleizeichnung heliographirt worden, welche nach einer photographischen Aufnahme und dem Situationsplane entworfen wurde mit Hervorheben einiger Détails, welche nach dem gewählten Maassstabe nicht hätten sichtbar gemacht werden können.

Endlich haben wir dem Bande noch eine vorläufige Karte der Lenamündung beigelegt, welche die geographische Lage der Station kenntlich machen soll. Die Karte ist als eine vorläufige bezeichnet, weil die Ortsbestimmungen und astronomischen Beobachtungen noch nicht endgültig berechnet sind; vorraussichtlich wird hierdurch die Karte nicht unwesentlich verändert werden. Diese Aenderungen werden zwar auch die Position der Station beeinflussen, doch wird die Lage derselbon schon jetzt durch folgende Coordinaten ziemlich genau bestimmt:

$\varphi = 73^\circ\ 22'\ 42''$
$\lambda = 8^{h}\ 16^{m}\ 20^{s}$ E. v. Gr.

# САГАСТЫРЪ.

## ЕЖЕЧАСНЫЯ МЕТЕОРОЛОГИЧЕСКІЯ НАБЛЮДЕНІЯ.

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# SSAGASTYR.

## STÜNDLICHE METEOROLOGISCHE BEOBACHTUNGEN.

# САГАСТЫРЪ.

# ВЫСОТА БАРОМЕТРА.

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# SSAGASTYR.

# LUFTDRUCK.

# Барометръ.
## Сентябрь 1882.

700 mm + Высота барометра надъ моремъ / Höhe des Barometers über Meer } 4.88m

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 65.1 | 64.5 | 64.7 | 64.6 | 64.5 | 64.5 | 64.2 | 64.1 | 63.8 | 63.2 | 63.0 | 62.6 | 62.2 | 61.9 |
| 2 | 56.0 | 55.6 | 55.3 | 55.3 | 55.1 | 55.5 | 55.5 | 56.4 | 56.7 | 56.8 | 57.0 | 57.1 | 56.9 | 56.6 |
| 3 | 54.1 | 54.2 | 53.9 | 53.8 | 53.7 | 53.6 | 53.7 | 53.6 | 53.4 | 53.2 | 53.3 | 53.3 | 53.4 | 53.8 |
| 4 | 54.7 | 54.6 | 54.4 | 54.4 | 53.9 | 53.6 | 53.4 | 53.2 | 52.7 | 52.4 | 51.9 | 51.5 | 51.1 | 50.5 |
| 5 | 46.8 | 46.6 | 46.5 | 46.4 | 46.4 | 46.3 | 46.3 | 46.0 | 45.8 | 45.6 | 45.5 | 45.4 | 45.3 | 45.7 |
| 6 | 48.7 | 48.7 | 48.8 | 48.9 | 49.2 | 49.3 | 49.5 | 49.6 | 49.7 | 49.8 | 50.3 | 50.5 | 50.9 | 51.4 |
| 7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.5 | 55.2 | 55.5 | 55.5 | 55.3 | 55.3 | 55.4 | 55.3 | 55.4 | 55.5 |
| 8 | 58.9 | 59.2 | 59.2 | 59.3 | 59.6 | 59.6 | 59.7 | 59.9 | 60.1 | 60.2 | 60.1 | 60.1 | 60.2 | 60.3 |
| 9 | 60.1 | 60.1 | 60.0 | 60.1 | 59.9 | 60.0 | 59.8 | 59.5 | 59.2 | 59.1 | 58.9 | 58.4 | 58.2 | 57.6 |
| 10 | 59.4 | 59.6 | 59.9 | 60.2 | 60.6 | 61.2 | 61.4 | 61.7 | 62.1 | 62.5 | 62.8 | 62.8 | 63.1 | 63.5 |
| 11 | 65.9 | 66.0 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.0 | 66.0 | 65.9 | 65.9 | 65.5 | 65.2 | 64.9 |
| 12 | 61.0 | 60.6 | 60.4 | 60.0 | 59.8 | 59.6 | 59.4 | 59.3 | 59.3 | 59.4 | 59.6 | 59.5 | 59.9 | 59.8 |
| 13 | 57.7 | 57.2 | 56.3 | 56.3 | 55.6 | 55.0 | 54.3 | 53.8 | 52.8 | 52.2 | 51.4 | 50.6 | 49.7 | 49.2 |
| 14 | 47.9 | 47.9 | 48.6 | 49.1 | 50.0 | 50.5 | 51.3 | 51.7 | 52.5 | 53.0 | 53.8 | 54.5 | 54.9 | |
| 15 | 56.2 | 55.8 | 55.7 | 55.6 | 55.3 | 55.2 | 55.2 | 55.2 | 54.9 | 54.6 | 54.4 | 54.0 | 53.8 | 53.6 |
| 16 | 49.7 | 48.9 | 48.4 | 47.8 | 47.1 | 46.4 | 45.6 | 45.1 | 44.1 | 43.6 | 43.2 | 42.9 | 42.5 | 42.0 |
| 17 | 42.2 | 42.5 | 42.3 | 42.5 | 42.6 | 42.6 | 42.5 | 42.6 | 42.7 | 42.6 | 42.5 | 42.5 | 42.5 | 42.5 |
| 18 | 43.2 | 43.5 | 43.7 | 43.7 | 44.1 | 44.4 | 44.8 | 45.2 | 45.6 | 45.9 | 46.4 | 46.9 | 47.6 | 48.2 |
| 19 | 53.8 | 54.4 | 54.9 | 55.1 | 55.5 | 55.8 | 55.9 | 56.1 | 56.1 | 56.3 | 56.3 | 56.5 | 56.5 | 56.6 |
| 20 | 54.3 | 54.0 | 53.3 | 52.6 | 52.3 | 51.7 | 51.3 | 50.8 | 50.6 | 50.2 | 49.6 | 49.0 | 48.6 | 48.2 |
| 21 | 44.1 | 44.3 | 44.9 | 45.4 | 45.9 | 46.2 | 46.6 | 47.0 | 46.8 | 46.9 | 46.9 | 46.9 | 47.0 | 47.1 |
| 22 | 48.0 | 48.1 | 48.2 | 48.2 | 48.0 | 48.3 | 48.3 | 48.2 | 48.1 | 48.0 | 48.1 | 48.1 | 48.3 | 48.4 |
| 23 | 52.7 | 53.5 | 54.0 | 54.5 | 55.2 | 55.2 | 55.7 | 55.8 | 56.2 | 56.6 | 57.1 | 57.1 | 57.7 | 57.9 |
| 24 | 59.6 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.4 | 59.2 | 59.0 | 58.7 | 58.2 | 58.1 | 58.1 | 57.8 |
| 25 | 52.0 | 51.3 | 51.0 | 50.7 | 50.7 | 50.6 | 50.5 | 50.3 | 50.2 | 50.1 | 50.1 | 50.2 | 50.1 | 50.1 |
| 26 | 52.2 | 52.6 | 52.8 | 53.2 | 53.2 | 53.4 | 53.4 | 53.2 | 53.2 | 53.2 | 52.8 | 52.6 | 51.9 | 51.3 |
| 27 | 47.2 | 47.1 | 47.0 | 46.8 | 46.7 | 46.7 | 47.1 | 48.0 | 48.4 | 49.0 | 49.6 | 50.1 | 50.9 | 51.3 |
| 28 | 55.3 | 55.1 | 55.4 | 55.1 | 55.3 | 55.2 | 55.3 | 55.4 | 55.2 | 55.1 | 55.1 | 55.1 | 55.1 | 55.6 |
| 29 | 55.6 | 56.1 | 56.4 | 56.8 | 56.7 | 57.3 | 57.4 | 57.6 | 57.9 | 57.9 | 58.1 | 58.3 | 58.5 | 58.7 |
| 30 | 60.9 | 60.9 | 60.7 | 60.6 | 60.5 | 60.3 | 60.1 | 59.8 | 59.4 | 59.5 | 59.3 | 59.1 | 59.1 | 58.9 |
| Среднее Mittel | 53.95 | 53.92 | 53.92 | 53.93 | 53.96 | 53.97 | 53.98 | 53.99 | 53.93 | 53.89 | 53.87 | 53.79 | 53.81 | 53.79 |

# Октябрь 1882.

Приведеніе къ широтѣ для 759 = + 2.17

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59.4 | 59.5 | 59.5 | 59.5 | 59.7 | 59.1 | 59.2 | 59.1 | 59.0 | 58.8 | 58.5 | 58.0 | 57.7 | 57.5 |
| 2 | 56.4 | 56.4 | 56.6 | 56.7 | 57.0 | 57.1 | 57.6 | 58.1 | 58.5 | 59.0 | 59.0 | 59.2 | 59.3 | 60.2 |
| 3 | 64.2 | 64.5 | 64.8 | 65.1 | 65.4 | 65.6 | 66.0 | 66.2 | 66.4 | 66.2 | 66.4 | 66.4 | 66.5 | 66.5 |
| 4 | 66.6 | 66.8 | 66.7 | 66.6 | 66.7 | 66.6 | 66.5 | 66.5 | 66.6 | 66.4 | 66.3 | 66.2 | 66.2 | 66.2 |
| 5 | 66.6 | 66.8 | 66.7 | 67.0 | 67.1 | 67.2 | 67.1 | 67.3 | 67.2 | 67.3 | 67.2 | 67.1 | 67.2 | 67.4 |
| 6 | 67.3 | 67.2 | 67.1 | 67.1 | 67.0 | 67.0 | 66.8 | 66.7 | 66.8 | 66.7 | 66.6 | 66.4 | 66.5 | 66.4 |
| 7 | 66.3 | 66.3 | 66.3 | 66.0 | 66.0 | 65.8 | 65.7 | 65.6 | 65.4 | 65.2 | 65.2 | 65.1 | 65.1 | 64.9 |
| 8 | 65.4 | 65.5 | 65.3 | 65.5 | 65.9 | 66.0 | 65.9 | 66.2 | 66.2 | 66.3 | 66.1 | 66.1 | 66.1 | 66.0 |
| 9 | 66.6 | 66.4 | 66.4 | 66.5 | 66.6 | 66.8 | 66.8 | 66.9 | 66.7 | 66.8 | 66.9 | 66.4 | 66.5 | 66.5 |
| 10 | 64.1 | 63.8 | 63.5 | 63.3 | 63.1 | 62.6 | 62.2 | 62.0 | 61.6 | 61.3 | 61.0 | 60.6 | 60.3 | 60.1 |
| 11 | 57.9 | 57.7 | 57.3 | 57.6 | 57.4 | 57.3 | 57.1 | 57.0 | 56.8 | 56.7 | 56.5 | 56.3 | 56.1 | 56.0 |
| 12 | 54.6 | 54.5 | 54.4 | 54.3 | 54.2 | 54.2 | 54.2 | 53.9 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.7 |
| 13 | 56.9 | 57.1 | 57.2 | 57.4 | 57.5 | 57.7 | 58.1 | 58.4 | 58.6 | 58.5 | 58.9 | 59.0 | 59.3 | 59.6 |
| 14 | 62.4 | 62.7 | 63.1 | 63.1 | 63.2 | 63.3 | 63.6 | 63.8 | 64.0 | 64.1 | 64.3 | 64.4 | 64.6 | 64.4 |
| 15 | 62.2 | 61.4 | 60.9 | 60.4 | 60.0 | 59.5 | 58.9 | 58.4 | 57.9 | 57.4 | 56.4 | 56.0 | 55.6 | 55.1 |
| 16 | 49.6 | 49.0 | 48.5 | 47.9 | 47.6 | 47.1 | 46.7 | 46.2 | 45.5 | 45.0 | 44.8 | 44.3 | 43.8 | 43.7 |
| 17 | 42.8 | 42.6 | 42.4 | 42.3 | 42.0 | 42.1 | 41.7 | 41.4 | 40.7 | 40.3 | 39.8 | 39.6 | 39.2 | 39.1 |
| 18 | 42.0 | 42.7 | 43.1 | 43.8 | 44.1 | 44.4 | 44.7 | 45.1 | 45.2 | 45.2 | 45.5 | 45.5 | 46.0 | 46.1 |
| 19 | 47.7 | 47.8 | 47.8 | 47.9 | 48.1 | 48.3 | 48.8 | 49.0 | 49.1 | 49.5 | 49.7 | 49.9 | 50.1 | 50.6 |
| 20 | 54.1 | 54.4 | 54.4 | 54.6 | 54.8 | 55.1 | 55.2 | 55.4 | 55.5 | 55.5 | 55.9 | 56.0 | 56.1 | 56.6 |
| 21 | 59.2 | 59.4 | 59.6 | 59.8 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 |
| 22 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 61.0 | 61.0 | 61.2 | 61.2 | 61.2 | 61.4 | 61.3 | 61.5 | 61.6 |
| 23 | 64.1 | 64.3 | 64.5 | 64.7 | 64.8 | 64.9 | 65.1 | 65.3 | 65.1 | 65.3 | 65.3 | 65.5 | 65.6 | 65.8 |
| 24 | 66.7 | 66.8 | 67.1 | 66.9 | 67.0 | 67.1 | 66.9 | 66.9 | 67.1 | 67.2 | 67.1 | 67.0 | 67.0 | 67.0 |
| 25 | 66.2 | 66.0 | 65.9 | 65.6 | 65.4 | 65.4 | 65.2 | 65.0 | 64.7 | 64.5 | 64.4 | 64.0 | 63.7 | 63.4 |
| 26 | 59.6 | 59.2 | 58.9 | 58.6 | 58.1 | 57.8 | 57.6 | 57.2 | 56.9 | 56.4 | 56.0 | 55.5 | 55.4 | 54.9 |
| 27 | 51.6 | 51.1 | 50.8 | 50.5 | 50.1 | 49.9 | 49.8 | 50.1 | 50.1 | 50.1 | 50.3 | 50.4 | 50.4 | 50.6 |
| 28 | 53.8 | 54.2 | 54.6 | 55.0 | 55.3 | 55.6 | 56.1 | 56.3 | 56.6 | 56.8 | 57.0 | 57.5 | 57.7 | 58.1 |
| 29 | 60.5 | 60.6 | 60.6 | 60.8 | 60.8 | 60.9 | 61.0 | 61.2 | 61.2 | 61.4 | 61.5 | 61.7 | 61.8 | 61.9 |
| 30 | 63.1 | 63.0 | 62.7 | 62.7 | 62.7 | 62.6 | 62.5 | 62.5 | 62.5 | 62.5 | 62.3 | 62.3 | 62.0 | 62.0 |
| 31 | 61.6 | 61.5 | 61.3 | 61.1 | 60.9 | 61.0 | 61.1 | 61.2 | 61.2 | 61.1 | 61.2 | 61.1 | 61.4 | 61.8 |
| Среднее Mittel | 59.36 | 59.35 | 59.33 | 59.32 | 59.34 | 59.33 | 59.33 | 59.36 | 59.32 | 59.27 | 59.24 | 59.15 | 59.16 | 59.20 |



# Luftdruck.
## September 1882.

Среднее мѣстное время. Mittlere Ortszeit. / Приведеніе къ широтѣ для Schwerecorrection bei } 754 = + 2.12

| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61.1 | 60.8 | 60.4 | 60.3 | 59.6 | 59.3 | 58.6 | 57.9 | 57.6 | 57.0 | 61.90 | 65.1 | 57.0 | 8.1 |
| 56.7 | 56.5 | 56.4 | 56.3 | 56.0 | 55.9 | 55.2 | 55.2 | 55.3 | 54.8 | 56.00 | 57.1 | 54.8 | 2.3 |
| 54.1 | 54.3 | 54.3 | 54.3 | 54.7 | 54.3 | 54.3 | 54.4 | 54.6 | 54.6 | 53.95 | 54.7 | 53.2 | 1.5 |
| 50.1 | 49.7 | 49.5 | 49.2 | 48.8 | 48.6 | 48.0 | 47.7 | 47.4 | 47.1 | 51.18 | 54.7 | 47.1 | 7.6 |
| 46.2 | 46.5 | 47.0 | 47.5 | 47.9 | 48.3 | 48.4 | 48.6 | 48.7 | 48.7 | 46.77 | 48.7 | 45.3 | 3.4 |
| 52.0 | 52.4 | 53.1 | 53.7 | 54.1 | 54.2 | 54.5 | 54.8 | 54.9 | 55.1 | 51.42 | 55.1 | 48.7 | 6.4 |
| 55.6 | 56.0 | 56.2 | 56.4 | 57.2 | 57.5 | 57.9 | 58.1 | 58.4 | 58.5 | 56.10 | 58.5 | 55.2 | 3.3 |
| 60.1 | 60.2 | 60.4 | 60.7 | 60.6 | 60.8 | 60.5 | 60.6 | 60.5 | 60.4 | 60.05 | 60.8 | 58.9 | 1.9 |
| 57.3 | 57.4 | 57.5 | 57.8 | 57.8 | 58.1 | 58.2 | 58.6 | 58.6 | 59.1 | 58.80 | 60.1 | 57.3 | 2.8 |
| 64.0 | 64.2 | 64.6 | 65.0 | 65.3 | 65.4 | 65.4 | 65.6 | 65.7 | 65.9 | 62.99 | 65.9 | 59.4 | 6.5 |
| 64.6 | 64.3 | 63.9 | 63.8 | 63.3 | 63.1 | 62.5 | 62.2 | 61.7 | 61.4 | **61.72** | **66.3** | 61.4 | 4.9 |
| 59.8 | 59.8 | 59.8 | 59.9 | 59.7 | 59.2 | 59.1 | 58.7 | 58.6 | 58.2 | 59.60 | 61.0 | 58.2 | 2.8 |
| 48.1 | 47.7 | 47.6 | 47.3 | 47.5 | 47.3 | 47.6 | 47.7 | 47.7 | 47.8 | 51.18 | 57.7 | 47.3 | 10.4 |
| 55.2 | 55.6 | 55.8 | 56.1 | 56.3 | 56.4 | 56.5 | 56.6 | 56.4 | 56.4 | 53.35 | 56.6 | 47.9 | 8.7 |
| 53.3 | 53.0 | 52.6 | 52.3 | 52.1 | 51.9 | 51.6 | 51.1 | 50.7 | 50.4 | 53.69 | 56.2 | 50.4 | 5.8 |
| 41.6 | 41.5 | 41.5 | 41.5 | 41.4 | 41.5 | 41.5 | 41.6 | 42.0 | 41.9 | 43.89 | 49.7 | **41.4** | 8.3 |
| 42.6 | 42.4 | 42.5 | 42.4 | 42.8 | 42.8 | 42.8 | 42.9 | 43.0 | 42.9 | **42.59** | 43.0 | 42.2 | 0.8 |
| 48.8 | 49.7 | 50.3 | 50.8 | 51.2 | 51.5 | 51.8 | 52.2 | 52.7 | 53.1 | 47.72 | 53.1 | 43.2 | 9.9 |
| 56.5 | 56.5 | 56.4 | 56.3 | 56.3 | 56.1 | 55.7 | 55.6 | 55.1 | 54.7 | 55.79 | 56.6 | 53.8 | 2.8 |
| 47.5 | 46.9 | 46.7 | 46.3 | 45.9 | 45.5 | 45.0 | 44.5 | 44.3 | 44.1 | 48.88 | 54.3 | 44.1 | 10.2 |
| 47.2 | 47.4 | 47.5 | 47.8 | 48.1 | 48.3 | 48.5 | 48.4 | 48.4 | 48.3 | 46.91 | 48.5 | 44.1 | 4.4 |
| 48.4 | 48.8 | 49.3 | 49.7 | 49.9 | 48.9 | 50.1 | 50.9 | 51.4 | 52.2 | 48.91 | 52.2 | 48.0 | 4.2 |
| 58.2 | 58.7 | 59.0 | 59.4 | 59.7 | 59.8 | 59.6 | 59.6 | 59.6 | 59.7 | 57.19 | 59.8 | 52.7 | 7.1 |
| 57.9 | 57.8 | 57.8 | 57.0 | 56.3 | 55.5 | 54.8 | 53.9 | 53.3 | 52.6 | 57.60 | 59.6 | 52.6 | 7.0 |
| 50.6 | 50.7 | 51.1 | 51.3 | 51.6 | 51.6 | 51.6 | 51.5 | 51.8 | 51.8 | 50.90 | 52.0 | 50.1 | 1.9 |
| 50.3 | 49.3 | 49.1 | 48.8 | 48.6 | 48.2 | 48.1 | 47.6 | 47.7 | 47.5 | 51.01 | 53.4 | 47.5 | 5.9 |
| 52.0 | 52.3 | 52.8 | 53.4 | 53.8 | 54.2 | 54.5 | 54.8 | 54.8 | 55.1 | 50.67 | 55.1 | 46.7 | 8.4 |
| 55.8 | 55.8 | 55.6 | 55.7 | 55.5 | 55.4 | 55.4 | 55.2 | 55.3 | 55.5 | 55.35 | 55.8 | 55.1 | 0.7 |
| 58.6 | 59.4 | 59.6 | 60.0 | 60.3 | 60.3 | 60.4 | 60.7 | 60.7 | 60.9 | 58.51 | 60.9 | 55.6 | 5.3 |
| 59.0 | 59.0 | 59.0 | 59.3 | 59.6 | 59.5 | 59.3 | 59.4 | 59.4 | 59.4 | 59.67 | 60.9 | 58.9 | 2.0 |
| **53.77** | 53.82 | 53.91 | 54.01 | **54.06** | 53.98 | 53.91 | 53.89 | 53.88 | 53.84 | 53.91 | 56.45 | 51.27 | 5.18 |

# October 1882.

Schwerecorrection bei 759 = + 2.17

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57.2 | 56.9 | 56.8 | 56.5 | 56.7 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 57.91 | 59.7 | 56.2 | 3.5 |
| 60.7 | 61.0 | 61.5 | 61.9 | 62.3 | 62.6 | 62.6 | 63.1 | 63.5 | 63.7 | 59.77 | 63.7 | 56.4 | 7.3 |
| 66.6 | 66.8 | 66.9 | 67.0 | 67.2 | 67.2 | 67.2 | 67.0 | 66.7 | 66.6 | 66.23 | 67.2 | 64.2 | 3.0 |
| 66.2 | 66.4 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 | 66.6 | 66.7 | 66.6 | 66.52 | 66.8 | 66.2 | 0.6 |
| 67.3 | 67.5 | 67.4 | 67.8 | 67.8 | 67.6 | 67.5 | 67.5 | 67.3 | 67.3 | **67.26** | **67.8** | 66.6 | 1.2 |
| 66.3 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | **66.6** | 66.4 | 66.3 | 66.4 | 66.68 | 67.3 | 66.3 | 1.0 |
| 64.7 | 64.8 | 64.9 | 65.1 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.3 | 65.43 | 66.3 | 64.7 | 1.6 |
| 66.3 | 66.4 | 66.6 | 66.4 | 66.3 | 66.4 | 66.3 | 66.2 | 66.3 | 66.7 | 66.10 | 66.7 | 65.3 | 1.4 |
| 66.2 | 66.0 | 66.1 | 66.3 | 66.3 | 65.8 | 65.5 | 65.1 | 64.8 | 64.5 | 66.23 | 66.9 | 64.5 | 2.4 |
| 59.7 | 59.5 | 59.6 | 59.2 | 59.1 | 58.9 | 58.6 | 58.2 | 58.0 | 58.0 | 60.76 | 64.1 | 58.0 | 6.1 |
| 55.9 | 55.8 | 55.7 | 55.6 | 55.6 | 55.5 | 55.3 | 55.2 | 55.0 | 54.7 | 56.35 | 57.9 | 54.7 | 3.2 |
| 54.7 | 54.9 | 55.1 | 55.6 | 55.9 | 56.0 | 56.1 | 56.2 | 56.6 | 56.7 | 54.92 | 56.7 | 53.9 | 2.8 |
| 59.9 | 60.3 | 60.5 | 60.8 | 61.1 | 61.2 | 61.5 | 61.7 | 62.0 | 62.3 | 59.40 | 62.3 | 56.9 | 5.4 |
| 64.5 | 64.8 | 64.6 | 64.6 | 64.5 | 64.1 | 64.2 | 63.8 | 63.3 | 62.5 | 63.88 | 64.8 | 62.4 | 2.4 |
| 54.8 | 54.0 | 54.0 | 53.5 | 53.0 | 52.3 | 51.6 | 51.0 | 50.5 | 49.9 | 56.03 | 62.2 | 49.9 | 12.3 |
| 43.6 | 43.5 | 43.2 | 43.2 | 42.9 | 43.1 | 43.1 | 43.0 | 42.9 | 42.9 | 45.05 | 49.6 | 42.9 | 6.7 |
| 38.9 | 38.6 | 38.8 | 39.3 | 39.4 | 39.6 | 40.0 | 40.4 | 40.8 | 41.3 | **40.55** | 42.8 | **38.6** | 4.2 |
| 46.6 | 46.4 | 46.6 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.4 | 47.6 | 45.60 | 47.6 | 42.0 | 5.6 |
| 50.8 | 51.3 | 51.7 | 52.2 | 52.6 | 52.9 | 53.1 | 53.5 | 53.6 | 53.8 | 50.41 | 53.8 | 47.7 | 6.1 |
| 56.5 | 56.8 | 56.9 | 56.9 | 57.3 | 57.5 | 57.9 | 58.1 | 58.5 | 58.8 | 56.20 | 58.8 | 54.1 | 4.7 |
| 60.6 | 60.5 | 60.6 | 60.8 | 60.7 | 60.6 | 60.6 | 60.5 | 60.6 | 60.5 | 60.32 | 60.8 | 59.2 | 1.6 |
| 62.1 | 62.4 | 62.7 | 62.8 | 63.1 | 63.2 | 63.4 | 63.6 | 63.7 | 63.8 | 61.91 | 63.8 | 60.7 | 3.1 |
| 65.9 | 66.2 | 66.5 | 66.7 | 66.6 | 66.7 | 66.5 | 66.6 | 66.7 | 65.64 | 66.7 | 64.1 | 2.6 | |
| 66.8 | 67.0 | 67.1 | 67.0 | 66.8 | 66.9 | 66.8 | 66.6 | 66.4 | 66.3 | 66.90 | 67.2 | 66.3 | 0.9 |
| 63.1 | 62.8 | 62.5 | 62.5 | 62.1 | 61.5 | 61.0 | 60.6 | 60.2 | 60.0 | 63.57 | 66.2 | 60.0 | 6.2 |
| 54.5 | 54.3 | 54.0 | 53.5 | 53.2 | 52.6 | 52.3 | 52.0 | 51.8 | 51.5 | 55.49 | 59.6 | 51.5 | 8.1 |
| 50.5 | 50.7 | 51.1 | 51.5 | 52.0 | 52.2 | 52.4 | 52.8 | 53.0 | 53.5 | 51.06 | 53.5 | 49.8 | 3.7 |
| 58.2 | 58.3 | 58.8 | 59.0 | 59.3 | 59.7 | 59.8 | 59.7 | 59.9 | 60.3 | 57.40 | 60.3 | 53.8 | 6.5 |
| 62.2 | 62.2 | 62.5 | 62.8 | 62.9 | 63.0 | 63.0 | 63.0 | 63.1 | 63.0 | 61.82 | 63.1 | 60.5 | 2.6 |
| 61.8 | 61.9 | 62.2 | 62.1 | 61.9 | 62.0 | 61.7 | 61.8 | 61.8 | 61.8 | 62.27 | 63.1 | 61.7 | 1.4 |
| 62.1 | 62.5 | 63.1 | 63.3 | 63.7 | 63.9 | 64.2 | 64.3 | 64.7 | 64.6 | 62.25 | 64.7 | 60.9 | 3.8 |
| 59.20 | 59.25 | 59.39 | 59.49 | **59.55** | 59.52 | 59.49 | 59.46 | 59.47 | 59.48 | 59.35 | 61.35 | 57.42 | 3.93 |

## Барометръ. Ноябрь 1882.

700 mm +

Высота барометра надъ моремъ / Höhe des Barometers über Meer } 4.88m

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64.9 | 65.1 | 65.2 | 65.3 | 65.5 | 65.5 | 65.6 | 66.0 | 65.9 | 66.1 | 66.4 | 66.4 | 66.8 | 67.2 |
| 2 | 71.5 | 71.9 | 72.0 | 72.3 | 72.5 | 72.4 | 72.7 | 72.6 | 72.9 | 73.0 | 73.0 | 73.2 | 73.2 | 73.4 |
| 3 | 72.5 | 71.9 | 71.7 | 71.5 | 71.1 | 70.8 | 70.4 | 70.3 | 70.1 | 69.6 | 69.1 | 68.8 | 68.4 | 68.1 |
| 4 | 65.2 | 64.9 | 64.7 | 64.3 | 64.3 | 63.9 | 63.8 | 63.7 | 63.3 | 63.2 | 63.1 | 62.9 | 62.9 | 62.5 |
| 5 | 59.6 | 59.1 | 58.7 | 58 1 | 57.7 | 57.4 | 56.8 | 56.5 | 56.0 | 55.7 | 55.5 | 55.4 | 55.1 | 54.9 |
| 6 | 57.3 | 57.7 | 57.9 | 58.3 | 58.8 | 58.9 | 59.2 | 59.6 | 59.7 | 60.3 | 60.6 | 60.8 | 61.0 | 61.6 |
| 7 | 64.5 | 64.5 | 64.8 | 65.0 | 65.3 | 65.5 | 65.5 | 65.4 | 65.6 | 65.6 | 65.7 | 66.4 | 65.7 | 65.8 |
| 8 | 62.0 | 61.4 | 60.7 | 60.0 | 59.5 | 58.6 | 57.8 | 57.2 | 56.6 | 56.2 | 56.2 | 56.2 | 56.1 | 56.6 |
| 9 | 65.8 | 66.5 | 67.2 | 67.9 | 68.5 | 68.9 | 69.2 | 69.7 | 69.9 | 70.1 | 70.7 | 71.1 | 71.8 | 72.3 |
| 10 | 75.2 | 75.1 | 75.1 | 75.2 | 75.2 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.3 | 75.2 | 75.4 |
| 11 | 73.7 | 73.2 | 73.0 | 72.8 | 72.6 | 72.3 | 72.2 | 71.9 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 |
| 12 | 73.7 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 | 74.5 | 74.3 | 74.3 | 74.0 | 74.2 | 73.9 | 74.1 | 74.0 |
| 13 | 70.5 | 69.8 | 69.4 | 68.9 | 68.4 | 67.6 | 66.7 | 66.0 | 65.1 | 64.3 | 63.4 | 62.4 | 61.4 | 60.5 |
| 14 | 54.7 | 54 2 | 53.8 | 53.8 | 53.5 | 53.3 | 53.0 | 52.7 | 52.6 | 52.5 | 52.5 | 52.3 | 52.5 | 52.3 |
| 15 | 52.3 | 52 5 | 52.6 | 53.0 | 53.0 | 53.1 | 53.3 | 53.5 | 53.7 | 53.7 | 53.8 | 53.9 | 53.8 | 53.6 |
| 16 | 56.2 | 56.2 | 56.4 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.5 | 56.6 | 56.3 | 56.3 | 56.3 | 56.4 |
| 17 | 55.3 | 55.1 | 55.0 | 54.9 | 54.7 | 54.4 | 54.4 | 54.1 | 54.0 | 53.9 | 53.7 | 53.3 | 53.3 | 53.0 |
| 18 | 47.1 | 45.7 | 45.0 | 44.2 | 43.3 | 42.4 | 41.9 | 41.3 | 40.8 | 40.5 | 40.2 | 39.9 | 40.0 | 40.3 |
| 19 | 45.3 | 45.4 | 45.9 | 46.2 | 46.5 | 46.9 | 47.4 | 47.6 | 47.8 | 48.2 | 48.7 | 48.8 | 49.3 | 49.6 |
| 20 | 52.8 | 53.0 | 53.2 | 53.1 | 53.3 | 53.5 | 53.4 | 53.5 | 53.5 | 53.2 | 53.4 | 53.3 | 53.6 | 53.6 |
| 21 | 54.2 | 54.1 | 54.2 | 54.1 | 54.3 | 54.2 | 54.3 | 54.4 | 54.4 | 54.2 | 54.2 | 54.3 | 54.2 | 54.3 |
| 22 | 55.7 | 55.9 | 56.1 | 56.3 | 56.5 | 56.6 | 56.9 | 56.9 | 56.8 | 56.9 | 57.0 | 57.3 | 57.4 | 57.5 |
| 23 | 58.4 | 58.8 | 59.0 | 59.1 | 59.2 | 59.6 | 59.7 | 59.9 | 60.0 | 60.1 | 60.1 | 60.2 | 60.4 | 61.3 |
| 24 | 60.9 | 60.7 | 60.5 | 60.4 | 59.9 | 59.6 | 59.4 | 59.0 | 58.7 | 58.3 | 58.0 | 57.8 | 57.6 | 57.5 |
| 25 | 57.3 | 57.7 | 57.7 | 58.0 | 58.1 | 58.0 | 58.1 | 58.3 | 58.3 | 58.1 | 58.2 | 58.4 | 58.3 | 58.2 |
| 26 | 58.1 | 57.8 | 57.5 | 57.8 | 57.8 | 57.7 | 57.4 | 57.1 | 57.4 | 56.8 | 56.6 | 56.5 | 56.4 | 56.3 |
| 27 | 53.0 | 52.9 | 52.4 | 52.4 | 52.0 | 51.8 | 51.5 | 51.1 | 51.0 | 50.7 | 50.7 | 50.5 | 50.3 | 50.2 |
| 28 | 50.9 | 51.0 | 51.1 | 51.2 | 51.1 | 51.0 | 51.4 | 51.5 | 51.3 | 50.9 | 50.7 | 50.8 | 50.7 | 50.6 |
| 29 | 46.9 | 46.2 | 45.9 | 45.4 | 45.2 | 44.7 | 44.4 | 43.9 | 43.7 | 43.4 | 43.1 | 42.8 | 42.9 | 42.9 |
| 30 | 42.3 | 42.2 | 42.3 | 42.5 | 42.6 | 42.7 | 42.7 | 42.7 | 42.8 | 43.1 | 43.0 | 43.2 | 43.3 | 43.3 |
| Среднее Mittel | 59.26 | 59.15 | 59.10 | 59.09 | 59.04 | 58.91 | 58.86 | 58.76 | 58.66 | 58.55 | 58.51 | 58.47 | 58.46 | 58.50 |

## Декабрь 1882.

Приведеніе къ широтѣ для 762 = + 2.22

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 44.8 | 45.2 | 45.8 | 46.2 | 46.4 | 46.8 | 47.5 | 47.8 | 48.4 | 48.7 | 49.0 | 49.6 | 50.2 | 50.8 |
| 2 | 54.8 | 55.4 | 55.5 | 55.7 | 55.9 | 56.1 | 56.4 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.9 | 57.1 |
| 3 | 58.0 | 58.2 | 58.3 | 58.7 | 58.8 | 58.9 | 58.9 | 58.8 | 58.8 | 58.8 | 59.1 | 59.4 | 59.5 | 59.5 |
| 4 | 60.2 | 60.1 | 59.9 | 59.9 | 59.8 | 59.7 | 59.6 | 59.4 | 59 1 | 58.8 | 58.8 | 58.7 | 58.8 | 58.6 |
| 5 | 58.9 | 59.0 | 58.9 | 58.9 | 59.3 | 59.3 | 59.8 | 59.8 | 59.7 | 60.1 | 59.9 | 60.0 | 60.3 | 60.8 |
| 6 | 62.9 | 63.1 | 62.8 | 63.0 | 63.0 | 63.1 | 63.4 | 63.4 | 63.5 | 63.3 | 63.5 | 63.8 | 64.2 | 64.6 |
| 7 | 67.6 | 67.5 | 67.5 | 67.6 | 67.4 | 67.2 | 67.3 | 67.5 | 67.4 | 67.2 | 67.2 | 67.0 | 66.8 | 66.7 |
| 8 | 66.7 | 67.0 | 67.0 | 66.9 | 67.2 | 67.2 | 67.4 | 67.4 | 67.2 | 67.3 | 67.2 | 67.2 | 67.1 | 67.1 |
| 9 | 66.4 | 66.3 | 66.2 | 66.0 | 65.6 | 65.6 | 65.8 | 65.8 | 65.5 | 65.4 | 65.1 | 65.0 | 64.7 | 64.5 |
| 10 | 63.6 | 63.2 | 63.5 | 63.8 | 63.5 | 64.0 | 64.6 | 64.8 | 65.1 | 65.5 | 66.4 | 66.7 | 67.2 | 67.5 |
| 11 | 71.4 | 72.7 | 72.2 | 72.4 | 72.8 | 73.1 | 73.4 | 73.7 | 73.6 | 74.0 | 74.1 | 74.7 | 74.8 | 74.5 |
| 12 | 75.0 | 74.5 | 74.2 | 73.9 | 73.8 | 73.7 | 73.3 | 72.5 | 72.1 | 71.8 | 71.3 | 70.8 | 70.1 | 70.0 |
| 13 | 68.2 | 67.9 | 68.3 | 68.6 | 69.0 | 69.5 | 69.9 | 70.4 | 70.9 | 71.2 | 71.9 | 72.3 | 72.9 | 73.2 |
| 14 | 77.7 | 77.6 | 77.8 | 77.9 | 78.1 | 78.0 | 78.4 | 78.5 | 78.4 | 78.4 | 78.2 | 78.2 | 78.2 | 77.9 |
| 15 | 79.2 | 79.4 | 79.4 | 79.6 | 79.5 | 79.8 | 80.0 | 80.0 | 79.8 | 79.7 | 79.9 | 79.8 | 79.5 | 79.5 |
| 16 | 77.7 | 77.2 | 77.1 | 76.5 | 76.3 | 76.7 | 76.4 | 76.3 | 76.0 | 75.9 | 75.6 | 75.5 | 75.5 | 75.9 |
| 17 | 73.9 | 73.7 | 72.5 | 72.2 | 71.7 | 71.2 | 70.3 | 69.7 | 69.1 | 68.0 | 67.8 | 67.6 | 66.6 | 66.0 |
| 18 | 67.9 | 68.1 | 68.0 | 68.1 | 68.2 | 67.6 | 67.7 | 67.8 | 67.7 | 67.6 | 67.3 | 67.1 | 67.0 | 66.9 |
| 19 | 63.7 | 63.1 | 62.7 | 61.8 | 60.9 | 59.9 | 59.0 | 58.5 | 57.7 | 57.6 | 57.0 | 56.7 | 56.2 | 56.2 |
| 20 | 55.2 | 54.8 | 54.9 | 54.9 | 54.8 | 55.2 | 55.5 | 56.9 | 57.9 | 59.0 | 59.7 | 60.0 | 60.2 | 60.8 |
| 21 | 63.3 | 63.3 | 62.9 | 63.0 | 63.0 | 62.4 | 62.2 | 62.1 | 61.8 | 61.7 | 60.9 | 60.7 | 60.4 | 59.8 |
| 22 | 55.6 | 54.8 | 54.1 | 53.8 | 53.5 | 52.8 | 52.2 | 51.8 | 51.7 | 51.0 | 50.9 | 50.5 | 50.3 | 49.9 |
| 23 | 51.5 | 51.6 | 51.8 | 52 2 | 52.3 | 52.7 | 53.3 | 53.7 | 54.3 | 54.8 | 55.2 | 55.4 | 56.3 | 56.5 |
| 24 | 61.0 | 61.4 | 61.5 | 61.9 | 62.2 | 62.3 | 61.9 | 62.4 | 62.3 | 63.2 | 62.1 | 61.9 | 61.5 | 61.3 |
| 25 | 52.7 | 51.2 | 49.4 | 47.9 | 46.2 | 44.8 | 43.1 | 41.4 | 40.3 | 38.7 | 37.3 | 36.9 | 36.3 | 36.4 |
| 26 | 41.7 | 41.9 | 42.3 | 42.6 | 42.9 | 43.0 | 43.2 | 43.5 | 43.4 | 43.6 | 43.8 | 43.6 | 43.8 | 44.0 |
| 27 | 42.9 | 42.9 | 42.8 | 42.6 | 42.5 | 42.2 | 42.2 | 41.9 | 41.9 | 42.0 | 41.8 | 41.6 | 41.8 | 41.8 |
| 28 | 43 2 | 43.1 | 43.2 | 43.5 | 43.5 | 43.6 | 43.6 | 43.6 | 44.0 | 44.0 | 44.4 | 44.8 | 44.9 | 45.4 |
| 29 | 51.1 | 51.3 | 52.0 | 52.1 | 52.5 | 52.7 | 53.0 | 53.4 | 53.6 | 53.9 | 54.4 | 54.4 | 54.9 | 55.4 |
| 30 | 60.2 | 60.6 | 61.5 | 61.9 | 62.2 | 62.6 | 63.2 | 64.0 | 64.6 | 65.1 | 65.4 | 65.8 | 66.2 | 67.0 |
| 31 | 69.3 | 69.3 | 68.9 | 68.8 | 68.6 | 68.8 | 69.0 | 69.2 | 68.8 | 68.7 | 68.4 | 68.4 | 68.3 | 68.7 |
| Среднее Mittel | 61.49 | 61.46 | 61.39 | 61.38 | 61.34 | 61.31 | 61.34 | 61.37 | 61.33 | 61.31 | 61.30 | 61.32 | 61.35 | 61.41 |

1) Наблюдатель не убѣжденъ въ вѣрности отчета, а по этому число не принято въ расчетъ при выводѣ среднихъ.



## Luftdruck. November 1882.

Среднее мѣстное время. / Mittlere Ortszeit.

Приведеніе къ широтѣ для / Schwerecorrection bei } 759 = + 2.20

| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 67.5 | 67.9 | 68.4 | 68.9 | 69.3 | 69.6 | 70.0 | 70.2 | 70.8 | 71.2 | 67.32 | 71.2 | 64.9 | 6.3 |
| 73.6 | 73.5 | 73.4 | 73.6 | 73.4 | 73.2 | 73.2 | 72.9 | 72.7 | 72.7 | 72.87 | 73.6 | 71.5 | 2.1 |
| 68.1 | 68.0 | 67.9 | 67.4 | 67.2 | 66.9 | 66.6 | 66.1 | 65.8 | 65.5 | 68.91 | 72.5 | 65.5 | 7.0 |
| 62.6 | 62.5 | 62.2 | 62.4 | 62.4 | 62.1 | 61.8 | 61.2 | 60.8 | 60.4 | 59.9 | 62.86 | 65.2 | 59.9 | 5.3 |
| 54.9 | 55.0 | 55.0 | 54.9 | 55.6 | 55.9 | 56.3 | 56.5 | 56.8 | 57.0 | 56.43 | 59.6 | 54.9 | 4.7 |
| 61.8 | 63.1 | 62.5 | 62.8 | 63.0 | 63.0 | 63.2 | 63.3 | 63.8 | 64.0 | 60.88 | 64.0 | 57.3 | 6.7 |
| 65.8 | 65.7 | 65.7 | 65.7 | 65.4 | 65.0 | 64.3 | 64.0 | 63.3 | 62.7 | 65.12 | 66.4 | 62.7 | 3.7 |
| 57.2 | 58.0 | 59.0 | 59.9 | 61.1 | 61.9 | 62.6 | 63.6 | 64.5 | 65.2 | 59.50 | 65.2 | 56.1 | 9.1 |
| 72.9 | 73.4 | 73.5 | 74.0 | 74.6 | 74.4 | 74.6 | 74.7 | 75.0 | 75.1 | 71.33 | 75.1 | 65.8 | 9.3 |
| 75.2 | 75.1 | 75.0 | 75.2 | 75.1 | 74.9 | 74.6 | 74.2 | 74.0 | 73.9 | **75.06** | **75.5** | 73.9 | 1.6 |
| 72.0 | 72.2 | 72.3 | 72.6 | 72.8 | 72.9 | 73.2 | 73.3 | 73.6 | 73.6 | 72.53 | 73.7 | 71.7 | 2.0 |
| 73.9 | 73.7 | 73.5 | 73.2 | 73.0 | 72.6 | 72.2 | 71.9 | 71.4 | 70.9 | 73.48 | 74.5 | 70.9 | 3.6 |
| 59.8 | 59.1 | 58.7 | 58.3 | 57.8 | 57.2 | 56.5 | 55.7 | 55.2 | 54.9 | 62.40 | 70.5 | 54.9 | 15.6 |
| 52.2 | 52.0 | 52.1 | 52.2 | 51.9 | 52.0 | 51.8 | 52.0 | 52.0 | 52.3 | 52.67 | 54.7 | 51.8 | 2.9 |
| 53.9 | 54.1 | 54.3 | 54.6 | 54.8 | 54.9 | 55.3 | 55.5 | 55.7 | 56.0 | 53.95 | 56.0 | 52.3 | 3.7 |
| 56.4 | 56.3 | 56.3 | 56.3 | 56.2 | 55.8 | 55.9 | 55.6 | 55.5 | 55.5 | 56.26 | 56.7 | 55.5 | 1.2 |
| 52.8 | 52.6 | 52.4 | 51.7 | 51.4 | 50.6 | 50.0 | 49.1 | 48.5 | 47.8 | 52.75 | 55.3 | 47.8 | 7.5 |
| 40.4 | 40.8 | 41.2 | 41.6 | 42.2 | 42.7 | 43.1 | 43.8 | 44.1 | 44.7 | **42.38** | 47.1 | **39.9** | 7.2 |
| 50.0 | 50.4 | 50.7 | 51.2 | 51.5 | 51.6 | 52.1 | 52.5 | 52.5 | 52.6 | 49.11 | 52.6 | 45.3 | 7.3 |
| 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 53.9 | 54.0 | 53.9 | 53.9 | 53.9 | 53.56 | 54.0 | 52.8 | 1.2 |
| 54.6 | 54.8 | 54.7 | 55.0 | 55.0 | 55.2 | 55.3 | 55.3 | 55.6 | 55.6 | 54.60 | 55.6 | 54.1 | 1.5 |
| 57.5 | 57.4 | 57.7 | 57.9 | 58.1 | 58.2 | 58.4 | 58.2 | 58.3 | 58.4 | 57.25 | 58.4 | 55.7 | 2.7 |
| 60.7 | 61.0 | 61.3 | 61.3 | 61.3 | 61.5 | 61.5 | 61.4 | 61.1 | 61.0 | 60.33 | 61.5 | 58.4 | 3.1 |
| 57.4 | 57.2 | 57.3 | 57.2 | 57.0 | 56.9 | 56.7 | 56.9 | 56.8 | 56.9 | 58.28 | 60.9 | 56.7 | 4.2 |
| 58.2 | 58.4 | 58.4 | 58.7 | 58.8 | 58.4 | 58.2 | 58.1 | 58.1 | 58.4 | 58.18 | 58.8 | 57.3 | 1.5 |
| 55.9 | 55.8 | 55.8 | 55.3 | 55.0 | 54.6 | 54.1 | 53.7 | 53.4 | 53.2 | 56.17 | 58.1 | 53.2 | 4.9 |
| 50.4 | 50.5 | 50.6 | 50.8 | 50.9 | 50.8 | 51.2 | 51.0 | 51.1 | 50.8 | 51.19 | 53.0 | 50.2 | 2.8 |
| 50.4 | 50.2 | 49.9 | 49.8 | 49.4 | 48.7 | 48.8 | 48.1 | 47.8 | 47.4 | 50.20 | 51.5 | 47.4 | 4.1 |
| 42.8 | 42.5 | 42.6 | 42.6 | 42.6 | 42.3 | 42.2 | 42.1 | 42.1 | 42.2 | 43.56 | 46.9 | 42.1 | 4.8 |
| 43.4 | 43.9 | 43.8 | 43.8 | 44.0 | 44.0 | 44.0 | 44.2 | 44.5 | 44.6 | 43.29 | 44.6 | 42.2 | 2.4 |
| 58.54 | 58.60 | 58.67 | 58.76 | 58.82 | 58.71 | 58.70 | 58.62 | 58.61 | 58.60 | 58.75 | 61.09 | 56.42 | 4.67 |

## December 1882.

Schwerecorrection bei 762 = + 2.22

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51.4 | 52.0 | 52.6 | 53.0 | 53.4 | 53.5 | 53.9 | 54.1 | 54.4 | 54.8 | 50.01 | 54.8 | 44.8 | 10.0 |
| 57.2 | 57.3 | 57.4 | 57.9 | 57.8 | 57.6 | 57.7 | 57.6 | 57.7 | 58.2 | 56.82 | 58.2 | 54.8 | 3.4 |
| 59.6 | 59.8 | 59.9 | 59.9 | 60.2 | 60.2 | 60.2 | 60.3 | 60 0 | 57.9[1] | 59.30 | 60.8 | 58.0 | 2.8 |
| 58.5 | 58.4 | 58.7 | 58.6 | 58.7 | 58.7 | 58.3 | 58.7 | 58.6 | 58.9 | 59.06 | 60.2 | 58.3 | 1.9 |
| 61.1 | 61.6 | 61.6 | 61.9 | 61.9 | 62.1 | 62.3 | 62.7 | 62.8 | 62.9 | 60.65 | 62.9 | 58.9 | 4.0 |
| 65.2 | 65.7 | 66.1 | 66.6 | 66.8 | 66.9 | 67.5 | 67.5 | 67.6 | 67.3 | 64.78 | 67.6 | 62.8 | 4.8 |
| 67.1 | 66.7 | 66.7 | 66.6 | 66.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.09 | 67.6 | 66.6 | 1.0 |
| 67.0 | 67.0 | 67.2 | 66.8 | 67.0 | 66.7 | 66.8 | 66.4 | 66.4 | 66.5 | 66.99 | 67.4 | 66.4 | 1.0 |
| 64.5 | 64.4 | 64.2 | 64.1 | 64.0 | 63.8 | 63.5 | 63.3 | 63.1 | 62.9 | 64.82 | 66.4 | 62.9 | 3.5 |
| 67.9 | 68.3 | 68.8 | 69.2 | 69.4 | 70.0 | 70.0 | 70.3 | 70.8 | 70.9 | 66.88 | 70.9 | 63.2 | 7.7 |
| 75.1 | 75.3 | 75.5 | 75.6 | 75.7 | 75.5 | 75.3 | 75.0 | 75.2 | 75.1 | 74.20 | 75.7 | 71.4 | 4.3 |
| 69.6 | 69.5 | 68.7 | 68.4 | 68.3 | 68.1 | 68.0 | 67.8 | 67.7 | 67.8 | 70.87 | 75.0 | 67.7 | 7.3 |
| 73.6 | 74.3 | 74.9 | 75.4 | 75.8 | 76.2 | 76.4 | 76.7 | 77.1 | 77.3 | 72.58 | 77.3 | 67.9 | 9.4 |
| 77.9 | 78.2 | 78.2 | 78.3 | 78.3 | 78.5 | 78.5 | 78.7 | 78.8 | 79.1 | 78.24 | 79.1 | 77.6 | 1.5 |
| 79.6 | 79.6 | 79.3 | 79.2 | 79.0 | 79.1 | 78.7 | 78.4 | 78.2 | 78.0 | **79.34** | **80.0** | 78.0 | 2.0 |
| 76.2 | 76.4 | 76.4 | 76.3 | 76.1 | 75.9 | 75.5 | 75.2 | 74.8 | 74.3 | 76.10 | 77.7 | 74.3 | 3.4 |
| 67.1 | 67.0 | 67.0 | 67.2 | 67.3 | 67.4 | 67.9 | 67.6 | 67.4 | 67.9 | 68.96 | 73.9 | 66.6 | 7.3 |
| 66.9 | 66.6 | 66.6 | 66.4 | 66.2 | 65.9 | 65.2 | 64.8 | 64.7 | 64.2 | 66.85 | 68.2 | 64.2 | 4.0 |
| 56.6 | 56.8 | 57.0 | 57.0 | 56.9 | 57.3 | 56.9 | 56.7 | 56.2 | 55.6 | 58.25 | 63.7 | 55.6 | 8.1 |
| 61.4 | 61.9 | 62.2 | 62.5 | 62.5 | 62.8 | 62.7 | 62.8 | 62.9 | 62.8 | 59.35 | 62.9 | 54.8 | 8.1 |
| 59.4 | 59.6 | 59.1 | 58.8 | 58.1 | 57.9 | 57.4 | 57.0 | 56.6 | 56.0 | 60.31 | 63.3 | 56.0 | 7.3 |
| 50.1 | 50.0 | 50.0 | 50.0 | 50.4 | 50.6 | 50.6 | 50.4 | 50.9 | 51.0 | 51.54 | 55.6 | 49.9 | 5.7 |
| 57.1 | 57.6 | 58.3 | 58.6 | 59.1 | 59.4 | 60.0 | 60.4 | 60.6 | 60.7 | 55.98 | 60.7 | 51.5 | 9.2 |
| 61.1 | 60.8 | 60.7 | 59.9 | 59.2 | 58.6 | 57.6 | 56.5 | 55.4 | 54.0 | 60.40 | 62.4 | 54.0 | 8.4 |
| 36.6 | 37.4 | 38.2 | 38.7 | 39.3 | 39.9 | 40.4 | 40.5 | 41.1 | 41.4 | **41.50** | 52.7 | **36.3** | 16.4 |
| 44.2 | 44.2 | 43.9 | 43.9 | 43.7 | 43.5 | 43.2 | 43.3 | 43.2 | 43.1 | 43.81 | 44.2 | 41.7 | 2.5 |
| 42.0 | 42.3 | 42.5 | 42.6 | 43.0 | 43.0 | 42.9 | 42.9 | 43.1 | 43.2 | 43.43 | 43.2 | 41.6 | 1.6 |
| 45.9 | 46.4 | 46.8 | 47.6 | 48.4 | 48.7 | 49.2 | 49.9 | 50.3 | 50.6 | 45.78 | 50.6 | 43.1 | 7.5 |
| 55.7 | 56.1 | 56.5 | 56.7 | 57.3 | 57.6 | 58.5 | 58.7 | 59.3 | 59.7 | 55.03 | 59.7 | 51.1 | 8.6 |
| 67.4 | 67.7 | 68.0 | 68.5 | 68.7 | 69.0 | 68.7 | 69.2 | 68.8 | 68.9 | 65.63 | 69.2 | 60.2 | 9.0 |
| 68.8 | 68.8 | 69.0 | 69.5 | 69.8 | 70.0 | 69.9 | 70.0 | 70.0 | 70.1 | 69.13 | 70.1 | 68.3 | 1.8 |
| 61.67 | 61.86 | 62.00 | 62.12 | 62.22 | 62.30 | 62.28 | 62.27 | 62.28 | **62.34** | 61.68 | 64.56 | 58.98 | 5.58 |

1) Der Beobachter in der Ablesung nicht sicher, daher die Zahl zum Mittel nicht hinzugezogen ist.

# Барометръ. Январь 1883.

700 mm +

Высота барометра надъ моремъ / Höhe des Barometers über Meer } 4.88m

Среднее мѣстное время. Mittlere Ortszeit.

Приведеніе къ широтѣ для Schwerecorrection bei } 761 = +2.24



# Luftdruck. Januar 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 70.3 | 70.6 | 70.9 | 70.8 | 70.9 | 71.1 | 71.0 | 71.3 | 70.8 | 70.6 | 70.5 | 70.4 | 70.3 | 70.1 | 70.0 | 69.9 | 69.9 | 69.9 | 69.7 | 69.3 | 68.9 | 68.7 | 68.5 | 68.1 | 70.10 | 71.3 | 68.1 | 3.2 |
| 2 | 68.0 | 67.9 | 67.4 | 67.0 | 66.9 | 66.7 | 66.4 | 66.1 | 65.9 | 65.4 | 64.7 | 64.5 | 64.3 | 64.0 | 63.6 | 63.4 | 63.4 | 63.1 | 62.7 | 62.3 | 61.9 | 61.5 | 60.7 | 60.2 | 64.50 | 68.0 | 60.2 | 7.8 |
| 3 | 60.1 | 59.6 | 59.0 | 58.4 | 57.5 | 56.7 | 56.2 | 55.4 | 54.9 | 54.0 | 53.1 | 51.9 | 50.9 | 50.5 | 49.8 | 48.8 | 47.8 | 47.0 | 46.2 | 45.8 | 44.8 | 44.5 | 44.1 | 44.1 | 51.71 | 60.1 | 44.1 | 16.0 |
| 4 | 44.1 | 44.2 | 44.6 | 45.0 | 45.5 | 45.8 | 46.0 | 46.1 | 46.7 | 46.9 | 47.1 | 47.1 | 47.6 | 47.8 | 48.0 | 48.7 | 48.5 | 48.4 | 48.5 | 48.5 | 48.7 | 48.6 | 48.3 | 48.1 | 47.66 | 48.7 | 44.1 | 4.6 |
| 5 | 47.8 | 48.0 | 48.1 | 48.1 | 47.9 | 47.5 | 47.3 | 47.2 | 47.3 | 46.8 | 46.8 | 46.2 | 46.5 | 46.7 | 46.6 | 46.8 | 46.6 | 46.6 | 46.8 | 47.1 | 47.2 | 46.9 | 46.9 | 47.1 | 47.13 | 48.1 | 46.2 | 1.9 |
| 6 | 47.0 | 46.8 | 46.4 | 46.5 | 46.5 | 45.9 | 45.8 | 45.5 | 45.4 | 45.0 | 44.6 | 44.1 | 43.9 | 43.7 | 43.3 | 43.4 | 43.6 | 43.3 | 43.2 | 43.2 | 43.0 | 42.9 | 42.8 | 42.9 | **44.53** | 47.0 | **42.8** | 4.2 |
| 7 | 43.5 | 43.7 | 43.8 | 43.8 | 44.3 | 44.5 | 44.8 | 45.3 | 45.9 | 46.5 | 47.0 | 47.2 | 47.8 | 48.5 | 48.5 | 49.0 | 49.8 | 50.2 | 50.3 | 50.8 | 50.7 | 50.9 | 51.3 | 51.3 | 47.48 | 51.3 | 43.5 | 7.8 |
| 8 | 51.1 | 51.2 | 52.0 | 50.9 | 50.6 | 50.3 | 49.8 | 49.4 | 49.1 | 48.5 | 47.8 | 47.4 | 47.1 | 46.9 | 46.0 | 46.1 | 46.0 | 45.6 | 45.9 | 46.0 | 46.3 | 46.9 | 46.5 | 47.4 | 48.12 | 52.0 | 45.6 | 6.4 |
| 9 | 47.8 | 48.0 | 48.3 | 48.7 | 49.5 | 49.4 | 49.8 | 50.4 | 50.7 | 51.2 | 51.3 | 51.9 | 52.1 | 52.4 | 52.8 | 53.5 | 53.9 | 54.3 | 54.7 | 55.1 | 55.7 | 56.2 | 56.6 | 57.0 | 52.14 | 57.0 | 47.8 | 9.2 |
| 10 | 57.3 | 57.5 | 57.9 | 58.3 | 58.5 | 58.7 | 59.0 | 59.4 | 60.1 | 59.9 | 60.3 | 60.6 | 60.8 | 61.4 | 61.7 | 62.0 | 62.3 | 62.7 | 63.4 | 63.6 | 63.8 | 64.2 | 64.4 | 64.8 | 60.94 | 64.8 | 57.3 | 7.5 |
| 11 | 65.0 | 65.5 | 65.7 | 66.1 | 66.8 | 66.8 | 67.0 | 67.5 | 67.7 | 68.2 | 68.4 | 69.0 | 69.6 | 69.7 | 70.0 | 70.4 | 70.8 | 71.0 | 71.1 | 71.6 | 71.8 | 72.1 | 72.1 | 72.4 | 69.01 | 72.4 | 65.0 | 7.4 |
| 12 | 72.9 | 73.1 | 73.5 | 73.6 | 74.1 | 74.3 | 74.4 | 74.8 | 75.0 | 75.4 | 75.5 | 75.6 | 75.4 | 75.7 | 76.0 | 76.2 | 76.3 | 76.5 | 76.5 | 76.8 | 76.8 | 77.0 | 77.1 | 77.1 | 75.40 | 77.1 | 72.9 | 4.2 |
| 13 | 77.3 | 77.5 | 77.9 | 77.7 | 77.8 | 78.1 | 77.9 | 78.2 | 78.3 | 78.6 | 78.5 | 78.6 | 78.6 | 78.9 | 79.2 | 79.4 | 79.7 | 79.9 | 80.0 | 80.1 | 80.2 | 80.6 | 80.5 | 80.7 | 78.93 | 80.7 | 77.3 | 3.4 |
| 14 | 80.9 | 81.0 | 81.1 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 80.9 | 81.1 | 80.9 | 80.9 | 80.9 | 81.1 | 81.3 | 80.9 | 81.0 | 81.0 | 80.9 | 80.8 | 80.7 | 80.5 | 80.2 | 80.1 | **80.90** | **81.3** | 80.1 | 1.2 |
| 15 | 79.8 | 79.5 | 79.9 | 79.6 | 78.8 | 78.7 | 78.3 | 78.1 | 77.5 | 77.0 | 76.8 | 76.1 | 75.6 | 75.3 | 75.0 | 74.8 | 73.7 | 73.1 | 72.9 | 72.0 | 71.3 | 70.3 | 69.8 | 69.4 | 75.53 | 79.9 | 69.4 | 10.5 |
| 16 | 68.3 | 67.3 | 65.9 | 65.5 | 64.7 | 64.1 | 63.3 | 62.8 | 62.6 | 62.2 | 61.9 | 61.2 | 60.8 | 61.0 | 60.5 | 60.6 | 60.8 | 60.8 | 61.0 | 60.9 | 60.8 | 61.3 | 61.2 | 61.2 | 62.53 | 68.3 | 60.5 | 7.8 |
| 17 | 61.5 | 61.6 | 61.8 | 62.1 | 62.3 | 62.5 | 62.2 | 62.3 | 62.0 | 62.5 | 61.9 | 62.0 | 61.9 | 62.0 | 62.2 | 62.1 | 62.2 | 62.4 | 62.4 | 62.3 | 62.0 | 61.9 | 62.1 | 62.4 | 62.11 | 62.5 | 61.5 | 1.0 |
| 18 | 62.4 | 62.2 | 62.0 | 61.6 | 61.6 | 61.5 | 60.5 | 59.8 | 60.0 | 59.6 | 59.5 | 59.0 | 58.9 | 59.3 | 59.5 | 59.8 | 60.1 | 60.0 | 59.8 | 59.9 | 60.0 | 59.8 | 59.6 | 59.2 | 60.23 | 62.4 | 58.9 | 3.5 |
| 19 | 59.4 | 59.3 | 59.4 | 59.1 | 59.5 | 59.3 | 59.8 | 59.9 | 60.1 | 60.7 | 60.3 | 60.2 | 60.4 | 60.3 | 60.1 | 60.1 | 59.9 | 59.8 | 60.2 | 60.2 | 59.9 | 60.1 | 60.3 | 60.1 | 59.93 | 60.7 | 59.1 | 1.6 |
| 20 | 60.1 | 59.7 | 59.7 | 59.9 | 60.0 | 60.0 | 60.0 | 60.3 | 60.3 | 60.2 | 60.3 | 60.2 | 60.0 | 60.2 | 60.5 | 60.6 | 60.6 | 61.0 | 61.3 | 61.3 | 61.8 | 61.4 | 61.4 | 61.4 | 60.51 | 61.8 | 59.7 | 2.1 |
| 21 | 61.7 | 61.8 | 62.0 | 62.0 | 62.1 | 62.3 | 62.3 | 62.5 | 62.5 | 63.5 | 62.1 | 62.1 | 62.4 | 62.6 | 62.5 | 62.7 | 62.6 | 62.7 | 62.6 | 62.4 | 62.3 | 62.1 | 61.9 | 61.9 | 62.28 | 62.7 | 61.7 | 1.0 |
| 22 | 62.0 | 62.0 | 62.3 | 62.2 | 62.6 | 62.5 | 62.8 | 62.9 | 63.1 | 63.3 | 63.3 | 63.9 | 63.8 | 64.6 | 64.8 | 65.3 | 65.6 | 66.3 | 66.4 | 66.5 | 66.5 | 66.9 | 66.9 | 67.0 | 64.31 | 67.0 | 62.0 | 5.0 |
| 23 | 67.2 | 67.3 | 67.6 | 67.6 | 67.7 | 67.9 | 67.6 | 67.7 | 67.6 | 67.7 | 67.6 | 67.7 | 67.5 | 67.3 | 67.3 | 67.3 | 67.5 | 67.4 | 67.5 | 67.6 | 67.4 | 67.4 | 67.3 | 67.3 | 67.50 | 67.9 | 67.2 | 0.7 |
| 24 | 67.1 | 67.0 | 67.0 | 67.1 | 67.1 | 67.3 | 67.1 | 67.0 | 66.9 | 66.8 | 66.8 | 66.4 | 66.3 | 66.5 | 66.6 | 66.6 | 66.6 | 66.5 | 66.7 | 66.4 | 66.3 | 66.5 | 66.3 | 66.2 | 66.71 | 67.3 | 66.2 | 1.1 |
| 25 | 66.1 | 66.0 | 65.9 | 66.0 | 66.1 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.5 | 65.4 | 65.6 | 65.3 | 65.5 | 65.2 | 65.2 | 65.2 | 65.2 | 64.9 | 64.7 | 64.6 | 64.5 | 64.3 | 65.43 | 66.1 | 64.3 | 1.8 |
| 26 | 64.2 | 64.0 | 63.9 | 63.8 | 63.7 | 63.6 | 63.6 | 63.3 | 63.2 | 63.0 | 62.8 | 63.0 | 62.8 | 62.9 | 62.9 | 62.8 | 62.9 | 62.7 | 62.9 | 62.7 | 62.4 | 62.4 | 62.3 | 62.1 | 63.08 | 64.2 | 62.1 | 2.1 |
| 27 | 61.9 | 61.9 | 61.7 | 61.8 | 61.4 | 61.2 | 61.0 | 61.0 | 60.7 | 60.4 | 60.3 | 59.8 | 59.7 | 59.6 | 59.5 | 59.2 | 59.3 | 59.3 | 59.6 | 59.1 | 59.0 | 58.8 | 58.7 | 58.8 | 60.15 | 61.9 | 58.7 | 3.2 |
| 28 | 58.8 | 58.8 | 58.3 | 58.2 | 58.1 | 57.8 | 58.0 | 57.6 | 57.4 | 57.1 | 57.0 | 57.1 | 56.7 | 56.9 | 56.9 | 56.9 | 56.9 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 56.7 | 56.5 | 57.33 | 58.8 | 56.5 | 2.3 |
| 29 | 56.6 | 56.7 | 56.6 | 56.6 | 56.9 | 56.8 | 56.8 | 57.1 | 57.2 | 57.3 | 57.5 | 57.7 | 57.8 | 58.1 | 58.3 | 58.9 | 59.2 | 59.5 | 60.0 | 60.3 | 60.5 | 60.5 | 60.6 | 60.7 | 58.25 | 60.7 | 56.6 | 4.1 |
| 30 | 61.0 | 61.1 | 61.3 | 61.5 | 61.7 | 61.6 | 61.7 | 61.8 | 62.0 | 61.9 | 61.7 | 61.9 | 61.6 | 61.8 | 61.7 | 61.5 | 61.6 | 62.0 | 62.0 | 61.7 | 61.6 | 61.3 | 61.2 | 61.2 | 61.60 | 62.0 | 61.0 | 1.0 |
| 31 | 61.2 | 61.2 | 61.2 | 61.0 | 61.2 | 61.0 | 61.1 | 61.1 | 60.7 | 60.8 | 60.3 | 60.1 | 60.1 | 59.9 | 59.6 | 59.7 | 60.0 | 59.7 | 59.8 | 59.3 | 58.9 | 59.1 | 58.7 | 58.2 | 60.61 | 61.2 | 58.2 | 3.0 |
| Среднее Mittel | 61.69 | 61.68 | 61.71 | 61.66 | **61.72** | 61.64 | 61.56 | 61.57 | 61.56 | 61.52 | 61.36 | 61.26 | 61.22 | 61.32 | 61.30 | 61.36 | 61.43 | 61.45 | 61.53 | 61.47 | 61.36 | 61.37 | 61.27 | **61.18** | 61.47 | 63.72 | 59.31 | 4.41 |

# Февраль 1883.

Приведеніе къ широтѣ для 765 = +2.24

Schwerecorrection bei 765 = +2.24

# Februar 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58.4 | 58.3 | 57.9 | 57.8 | 57.6 | 57.2 | 57.3 | 56.9 | 56.9 | 56.9 | 56.6 | 56.5 | 56.3 | 56.6 | 56.5 | 56.9 | 57.1 | 57.4 | 57.7 | 57.6 | 58.3 | 58.2 | 58.3 | 58.5 | 57.40 | 58.5 | 56.3 | 2.2 |
| 2 | 58.6 | 58.6 | 58.7 | 58.5 | 58.5 | 58.6 | 58.6 | 58.0 | 58.1 | 57.7 | 57.4 | 56.9 | 56.8 | 56.4 | 56.1 | 55.9 | 55.6 | 55.4 | 54.9 | 54.5 | 53.8 | 53.5 | 53.0 | 52.5 | 56.53 | 58.7 | 52.5 | 6.2 |
| 3 | 51.8 | 51.5 | 50.8 | 50.5 | 50.1 | 49.9 | 49.3 | 49.7 | 48.2 | 47.9 | 47.2 | 46.5 | 45.7 | 45.4 | 45.3 | 45.1 | 45.0 | 45.2 | 45.1 | 45.0 | 45.0 | 45.0 | 45.0 | 44.9 | **47.30** | 51.8 | **44.9** | 6.9 |
| 4 | 45.1 | 45.4 | 45.7 | 45.8 | 46.3 | 46.4 | 46.6 | 47.2 | 48.4 | 48.1 | 48.6 | 49.1 | 49.8 | 50.5 | 51.4 | 52.1 | 53.1 | 54.0 | 54.6 | 55.5 | 55.6 | 56.6 | 56.9 | 57.2 | 50.42 | 57.2 | 45.1 | 12.1 |
| 5 | 57.3 | 58.1 | 58.2 | 58.5 | 58.9 | 59.4 | 59.8 | 60.3 | 60.5 | 60.8 | 61.8 | 61.9 | 61.9 | 62.6 | 62.7 | 62.9 | 63.4 | 63.9 | 63.8 | 64.3 | 64.3 | 64.8 | 64.2 | 64.1 | 61.58 | 64.3 | 57.3 | 7.0 |
| 6 | 64.2 | 64.2 | 64.4 | 64.4 | 64.8 | 65.0 | 65.0 | 65.2 | 65.4 | 65.8 | 65.6 | 65.7 | 66.0 | 66.0 | 66.5 | 66.7 | 67.0 | 67.3 | 67.7 | 67.7 | 67.6 | 67.9 | 68.0 | 68.0 | 66.09 | 68.0 | 64.2 | 3.8 |
| 7 | 68.0 | 68.2 | 68.3 | 68.3 | 68.5 | 68.5 | 68.3 | 68.4 | 68.4 | 68.3 | 68.1 | 68.1 | 67.5 | 67.4 | 67.3 | 67.4 | 67.3 | 67.2 | 67.1 | 66.8 | 66.6 | 66.0 | 65.9 | 65.8 | 67.57 | 68.5 | 65.8 | 2.7 |
| 8 | 65.7 | 65.5 | 65.2 | 65.3 | 65.3 | 65.1 | 64.7 | 64.9 | 64.8 | 64.9 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 65.0 | 65.2 | 65.3 | 65.3 | 65.5 | 65.5 | 65.6 | 65.5 | 65.5 | 65.16 | 65.7 | 64.7 | 1.0 |
| 9 | 65.6 | 65.6 | 65.8 | 65.7 | 65.7 | 65.6 | 65.6 | 65.6 | 65.6 | 65.2 | 65.2 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.2 | 65.0 | 65.2 | 65.2 | 65.3 | 65.5 | 65.7 | 65.8 | 65.39 | 65.8 | 65.0 | 0.8 |
| 10 | 65.8 | 65.9 | 66.3 | 66.4 | 66.5 | 66.9 | 67.2 | 67.5 | 67.4 | 67.8 | 68.2 | 68.3 | 68.6 | 69.1 | 69.4 | 69.8 | 70.2 | 70.8 | 71.0 | 71.3 | 71.7 | 72.2 | 72.7 | 72.7 | 68.90 | 72.7 | 65.8 | 6.9 |
| 11 | 72.7 | 73.3 | 73.4 | 73.6 | 73.8 | 74.3 | 74.5 | 74.5 | 74.3 | 74.0 | 73.9 | 73.9 | 73.9 | 74.0 | 73.8 | 74.1 | 74.0 | 74.1 | 74.0 | 73.5 | 73.3 | 73.6 | 73.3 | 72.8 | **73.78** | **74.5** | 72.7 | 1.8 |
| 12 | 72.8 | 72.6 | 72.5 | 72.1 | 72.4 | 72.2 | 72.2 | 71.7 | 71.6 | 71.4 | 71.2 | 71.1 | 71.0 | 71.0 | 71.1 | 70.8 | 71.0 | 71.0 | 71.0 | 70.8 | 70.9 | 70.6 | 70.6 | 70.6 | 71.43 | 72.8 | 70.6 | 2.2 |
| 13 | 70.4 | 70.3 | 70.3 | 70.2 | 70.3 | 70.2 | 70.3 | 70.0 | 69.9 | 69.7 | 69.8 | 69.4 | 69.2 | 69.3 | 69.3 | 69.1 | 69.0 | 68.9 | 68.7 | 68.6 | 68.1 | 68.1 | 68.1 | 68.4 | 69.40 | 70.4 | 68.1 | 2.3 |
| 14 | 67.7 | 67.7 | 67.7 | 67.3 | 66.9 | 67.0 | 66.7 | 67.0 | 66.0 | 66.0 | 65.5 | 65.4 | 65.2 | 65.4 | 65.1 | 64.8 | 64.8 | 64.7 | 64.2 | 64.4 | 64.0 | 64.0 | 63.9 | 65.5 | 65.64 | 67.7 | 63.9 | 3.8 |
| 15 | 63.6 | 63.3 | 63.1 | 62.9 | 62.9 | 62.9 | 62.7 | 62.4 | 62.6 | 62.5 | 62.7 | 62.1 | 61.7 | 61.6 | 61.1 | 61.2 | 60.8 | 60.8 | 60.8 | 60.5 | 60.6 | 60.4 | 60.5 | 60.5 | 61.84 | 63.6 | 60.4 | 3.2 |
| 16 | 60.4 | 60.5 | 60.5 | 60.6 | 60.5 | 60.5 | 60.4 | 60.7 | 60.8 | 61.1 | 61.0 | 61.0 | 60.8 | 61.1 | 61.2 | 61.1 | 61.1 | 61.3 | 61.8 | 62.0 | 62.4 | 62.2 | 62.7 | 62.8 | 61.19 | 62.8 | 60.4 | 2.4 |
| 17 | 63.1 | 63.1 | 63.3 | 63.4 | 63.7 | 64.2 | 64.4 | 64.5 | 64.9 | 65.2 | 65.3 | 65.6 | 65.8 | 66.0 | 66.2 | 66.1 | 66.9 | 67.2 | 67.6 | 67.8 | 68.1 | 68.3 | 68.4 | 68.6 | 65.74 | 68.6 | 63.1 | 5.5 |
| 18 | 68.8 | 68.9 | 69.1 | 69.2 | 69.4 | 69.7 | 69.8 | 69.7 | 69.8 | 69.7 | 69.6 | 69.7 | 69.6 | 69.8 | 69.6 | 69.7 | 69.8 | 69.9 | 69.9 | 69.8 | 69.6 | 69.7 | 69.8 | 69.6 | 69.59 | 69.9 | 68.8 | 1.1 |
| 19 | 69.5 | 69.7 | 69.7 | 69.5 | 69.7 | 69.5 | 69.3 | 69.5 | 69.7 | 69.7 | 70.1 | 70.0 | 70.0 | 70.0 | 70.0 | 70.4 | 70.4 | 70.6 | 71.0 | 71.1 | 71.3 | 71.3 | 71.4 | 71.2 | 70.18 | 71.4 | 69.3 | 2.1 |
| 20 | 71.5 | 71.5 | 71.8 | 71.9 | 72.0 | 72.0 | 72.1 | 72.1 | 72.4 | 72.4 | 72.5 | 72.6 | 72.5 | 72.2 | 72.0 | 72.3 | 72.6 | 72.7 | 72.6 | 72.6 | 72.7 | 72.5 | 72.1 | 72.0 | 72.23 | 72.7 | 71.5 | 1.2 |
| 21 | 71.9 | 71.9 | 71.7 | 71.8 | 71.6 | 71.5 | 71.5 | 71.3 | 70.9 | 70.7 | 70.8 | 70.3 | 70.5 | 70.3 | 70.1 | 70.0 | 69.8 | 69.9 | 70.0 | 70.0 | 69.2 | 68.9 | 68.9 | 68.3 | 70.49 | 71.9 | 68.3 | 3.6 |
| 22 | 68.5 | 68.4 | 68.1 | 68.0 | 68.1 | 67.9 | 67.8 | 67.8 | 67.7 | 67.6 | 67.6 | 67.4 | 67.3 | 67.3 | 67.2 | 67.1 | 67.1 | 66.9 | 66.9 | 66.9 | 66.7 | 66.5 | 66.4 | 65.8 | 67.38 | 68.5 | 65.8 | 2.7 |
| 23 | 65.5 | 65.8 | 64.6 | 64.6 | 64.4 | 63.9 | 64.0 | 63.9 | 64.0 | 63.8 | 63.9 | 64.3 | 63.9 | 64.2 | 64.5 | 64.7 | 64.9 | 65.4 | 65.7 | 65.9 | 65.9 | 66.2 | 66.1 | 66.4 | 64.83 | 66.4 | 63.8 | 2.6 |
| 24 | 66.7 | 66.9 | 66.9 | 67.0 | 67.3 | 67.4 | 67.4 | 67.8 | 67.7 | 68.2 | 68.7 | 68.7 | 68.7 | 68.8 | 68.9 | 68.5 | 68.0 | 68.5 | 68.2 | 68.2 | 68.1 | 67.7 | 67.4 | 67.0 | 67.86 | 68.9 | 66.7 | 2.2 |
| 25 | 66.8 | 65.9 | 65.7 | 65.2 | 64.9 | 64.8 | 64.0 | 63.8 | 63.2 | 63.0 | 63.1 | 62.8 | 62.3 | 62.1 | 61.7 | 61.7 | 61.5 | 61.1 | 61.0 | 60.7 | 60.6 | 60.2 | 60.3 | 60.2 | 62.78 | 66.8 | 60.2 | 6.6 |
| 26 | 60.2 | 60.0 | 60.0 | 59.6 | 59.9 | 59.9 | 60.2 | 60.4 | 60.4 | 60.6 | 60.6 | 60.7 | 61.1 | 61.4 | 61.4 | 61.7 | 62.0 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 | 62.5 | 62.9 | 61.10 | 62.9 | 59.6 | 3.3 |
| 27 | 63.0 | 63.3 | 63.4 | 63.8 | 64.1 | 64.3 | 64.4 | 64.6 | 64.8 | 64.9 | 64.9 | 65.2 | 65.3 | 65.6 | 65.8 | 65.9 | 66.4 | 66.6 | 66.8 | 67.0 | 67.2 | 67.4 | 67.5 | 67.7 | 65.41 | 67.7 | 63.0 | 4.7 |
| 28 | 67.9 | 68.0 | 68.2 | 68.3 | 68.7 | 69.0 | 68.9 | 69.1 | 69.0 | 69.0 | 69.1 | 69.3 | 69.2 | 69.5 | 69.6 | 69.6 | 70.1 | 70.2 | 70.4 | 70.4 | 70.3 | 70.4 | 70.6 | 70.7 | 69.40 | 70.7 | 67.9 | 2.8 |
| Среднее Mittel | 64.70 | 64.71 | 64.69 | **64.65** | 64.74 | 64.78 | 64.75 | 64.80 | 64.76 | 64.75 | 64.78 | 64.73 | 64.66 | 64.76 | 64.78 | 64.85 | 64.98 | 65.11 | 65.18 | **65.21** | 65.18 | 65.18 | **65.21** | 65.16 | 64.88 | 66.76 | 63.06 | 3.70 |

## Барометръ. Мартъ 1883.

700 mm +

Высота барометра надъ моремъ / Höhe des Barometers über Meer } 4.88m

Среднее мѣстное время. / Mittlere Ortszeit.

Приведеніе къ широтѣ для / Schwerecorrection bei } 764 = + 2.22

## Luftdruck. März 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средніа. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.4 | 70.4 | 70.5 | 70.5 | 70.0 | 69.9 | 70.0 | 70.0 | 70.1 | 69.8 | 70.0 | 70.1 | 70.2 | 70.0 | 69.9 | 69.9 | 69.7 | 69.6 | 69.4 | 68.9 | **70.05** | 70.5 | 68.9 | 1.6 |
| 2 | 68.8 | 68.6 | 68.1 | 68.1 | 68.3 | 68.2 | 68.3 | 68.1 | 67.3 | 67.0 | 67.0 | 66.8 | 66.3 | 65.7 | 65.6 | 65.2 | 65.1 | 64.9 | 64.7 | 63.7 | 63.1 | 62.8 | 62.3 | 61.6 | 66.07 | 68.8 | 61.6 | 7.2 |
| 3 | 61.5 | 60.4 | 59.8 | 59.1 | 58.7 | 58.5 | 58.2 | 57.9 | 57.3 | 57.0 | 56.7 | 56.5 | 56.4 | 56.4 | 56.1 | 56.4 | 56.5 | 56.8 | 56.8 | 56.5 | 56.8 | 56.8 | 57.0 | 56.7 | 57.53 | 61.5 | 56.1 | 5.4 |
| 4 | 56.9 | 56.9 | 56.9 | 56.9 | 57.4 | 57.7 | 57.6 | 58.1 | 58.1 | 57.9 | 57.9 | 58.0 | 58.2 | 58.5 | 58.5 | 59.0 | 59.0 | 59.4 | 59.6 | 60.0 | 59.9 | 60.2 | 60.4 | 60.7 | 58.49 | 60.7 | 56.9 | 3.8 |
| 5 | 61.1 | 61.1 | 61.4 | 61.6 | 61.9 | 62.2 | 62.6 | 62.8 | 62.9 | 63.0 | 63.4 | 63.6 | 63.5 | 63.6 | 63.9 | 64.2 | 64.5 | 64.6 | 64.7 | 64.8 | 64.8 | 65.0 | 65.1 | 65.2 | 63.40 | 65.2 | 61.1 | 4.1 |
| 6 | 65.3 | 65.2 | 65.1 | 65.3 | 65.8 | 65.9 | 65.6 | 65.9 | 66.0 | 66.6 | 66.6 | 66.7 | 66.7 | 66.8 | 67.0 | 67.2 | 67.6 | 67.9 | 68.0 | 68.1 | 68.2 | 68.2 | 68.6 | 68.7 | 66.79 | 68.7 | 65.1 | 5.6 |
| 7 | 68.8 | 68.8 | 69.0 | 69.0 | 69.2 | 69.4 | 69.2 | 69.6 | 69.4 | 69.5 | 69.3 | 69.4 | 68.9 | 68.7 | 69.0 | 69.0 | 69.2 | 69.4 | 69.1 | 68.9 | 68.8 | 68.8 | 68.5 | 69.0 | 69.08 | 69.6 | 68.5 | 1.1 |
| 8 | 68.7 | 68.6 | 68.8 | 68.9 | 68.8 | 68.4 | 68.5 | 68.5 | 68.4 | 68.5 | 68.6 | 68.4 | 68.3 | 68.4 | 68.2 | 68.2 | 68.4 | 68.5 | 68.6 | 68.6 | 68.4 | 68.3 | 68.3 | 68.2 | 68.50 | 68.9 | 68.2 | 0.7 |
| 9 | 68.3 | 68.0 | 67.9 | 67.8 | 67.4 | 67.3 | 67.1 | 67.3 | 67.1 | 66.9 | 66.7 | 66.3 | 66.1 | 66.1 | 65.6 | 65.6 | 65.4 | 65.6 | 65.2 | 65.0 | 64.9 | 64.7 | 64.1 | 64.1 | 66.27 | 68.3 | 64.1 | 4.2 |
| 10 | 63.9 | 63.6 | 63.3 | 63.3 | 63.3 | 63.3 | 62.9 | 62.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.5 | 62.2 | 62.2 | 62.3 | 62.3 | 62.4 | 62.3 | 62.3 | 62.2 | 62.1 | 62.1 | 62.2 | 62.67 | 63.9 | 62.1 | 1.8 |
| 11 | 62.1 | 62.1 | 62.0 | 62.0 | 62.2 | 62.2 | 62.4 | 62.3 | 62.5 | 62.4 | 62.5 | 62.7 | 62.6 | 62.9 | 63.1 | 63.3 | 63.6 | 64.0 | 64.5 | 64.4 | 64.7 | 65.0 | 65.4 | 65.5 | 63.18 | 65.5 | 62.0 | 3.5 |
| 12 | 65.9 | 66.3 | 66.4 | 66.9 | 67.3 | 67.4 | 68.1 | 68.2 | 68.5 | 69.0 | 69.1 | 69.2 | 69.6 | 70.1 | 70.3 | 70.6 | 70.8 | 71.1 | 71.4 | 71.6 | 71.9 | 71.7 | 72.0 | 72.3 | 69.40 | 72.3 | 65.9 | 6.4 |
| 13 | 72.0 | 72.1 | 72.3 | 72.4 | 72.4 | 72.5 | 72.3 | 72.1 | 71.8 | 71.6 | 71.5 | 71.1 | 70.5 | 70.4 | 69.6 | 68.9 | 68.8 | 68.2 | 67.3 | 66.7 | 65.7 | 65.1 | 64.6 | 63.5 | 69.73 | **72.5** | 63.5 | 9.0 |
| 15 | 63.0 | 62.3 | 61.7 | 61.5 | 60.8 | 60.6 | 60.2 | 59.9 | 60.1 | 59.9 | 60.0 | 59.7 | 59.5 | 59.1 | 59.1 | 58.5 | 58.4 | 58.1 | 58.1 | 57.7 | 57.3 | 57.2 | 56.7 | 56.6 | 59.42 | 63.0 | 56.6 | 6.4 |
| 15 | 56.2 | 56.1 | 55.5 | 55.9 | 55.7 | 55.7 | 55.9 | 56.1 | 56.1 | 56.0 | 56.1 | 56.5 | 56.6 | 56.4 | 56.5 | 56.6 | 56.9 | 57.1 | 57.1 | 57.6 | 57.6 | 57.7 | 57.6 | 58.0 | 56.56 | 58.0 | 55.5 | 2.5 |
| 16 | 57.9 | 58.0 | 58.2 | 58.4 | 58.6 | 58.6 | 58.7 | 59.0 | 59.0 | 59.4 | 59.7 | 60.1 | 60.3 | 60.6 | 60.8 | 61.0 | 61.4 | 61.9 | 62.0 | 62.3 | 62.7 | 62.8 | 63.3 | 63.4 | 60.34 | 63.4 | 57.9 | 5.5 |
| 17 | 63.6 | 63.9 | 63.7 | 64.2 | 64.2 | 64.4 | 64.5 | 64.7 | 65.1 | 65.0 | 65.0 | 65.3 | 65.1 | 65.4 | 65.4 | 65.6 | 65.7 | 66.0 | 65.9 | 66.2 | 66.3 | 66.4 | 66.3 | 65.7 | 65.15 | 66.4 | 63.6 | 2.8 |
| 18 | 66.4 | 66.2 | 66.1 | 66.0 | 65.6 | 65.9 | 65.7 | 65.9 | 65.9 | 65.6 | 65.8 | 65.7 | 65.5 | 65.4 | 65.4 | 65.6 | 66.1 | 66.4 | 66.1 | 66.2 | 66.2 | 66.1 | 65.9 | 66.1 | 65.89 | 66.4 | 65.3 | 1.1 |
| 19 | 65.8 | 65.8 | 65.5 | 65.5 | 65.4 | 65.0 | 65.1 | 64.8 | 64.9 | 64.9 | 65.0 | 65.1 | 65.3 | 65.5 | 65.8 | 66.2 | 66.1 | 66.4 | 66.3 | 66.7 | 66.8 | 66.9 | 67.1 | 67.0 | 65.79 | 67.1 | 64.8 | 2.3 |
| 20 | 67.4 | 67.5 | 67.5 | 68.0 | 68.0 | 67.9 | 68.1 | 68.2 | 68.1 | 68.2 | 68.4 | 68.4 | 68.1 | 68.3 | 68.4 | 68.4 | 68.5 | 68.7 | 68.6 | 68.8 | 68.8 | 68.8 | 69.0 | 69.1 | 68.30 | 69.1 | 67.4 | 1.7 |
| 21 | 69.2 | 69.1 | 69.1 | 69.3 | 69.5 | 69.5 | 69.5 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.7 | 69.9 | 69.9 | 69.9 | 70.3 | 70.5 | 70.6 | 70.5 | 70.3 | 70.6 | 70.5 | 70.3 | 69.87 | 70.6 | 69.1 | 1.5 |
| 22 | 70.0 | 70.0 | 70.1 | 69.8 | 69.9 | 70.0 | 69.7 | 69.8 | 69.5 | 69.2 | 69.4 | 69.3 | 69.2 | 68.9 | 68.7 | 68.9 | 69.0 | 69.0 | 68.6 | 68.5 | 68.5 | 68.5 | 68.5 | 68.4 | 69.23 | 70.1 | 68.4 | 1.7 |
| 23 | 68.3 | 68.3 | 68.1 | 68.0 | 67.6 | 67.5 | 67.1 | 66.8 | 66.8 | 66.3 | 66.1 | 65.7 | 65.3 | 64.7 | 64.0 | 63.8 | 63.5 | 63.2 | 62.6 | 62.1 | 61.7 | 61.8 | 60.9 | 60.1 | 64.99 | 68.3 | 60.1 | 8.2 |
| 24 | 59.8 | 59.2 | 58.7 | 58.0 | 57.3 | 56.6 | 55.6 | 55.2 | 55.0 | 54.4 | 54.0 | 53.3 | 53.2 | 52.9 | 53.3 | 53.5 | 53.8 | 54.1 | 54.4 | 54.1 | 54.7 | 54.9 | 55.3 | 55.2 | 55.27 | 59.8 | **52.9** | 6.9 |
| 25 | 55.3 | 55.4 | 55.3 | 55.3 | 55.5 | 55.5 | 54.9 | 54.9 | 54.6 | 53.9 | 54.0 | 54.3 | 54.3 | 54.6 | 54.6 | 54.6 | 55.2 | 55.4 | 55.5 | 55.5 | 55.7 | 55.6 | 55.8 | 56.0 | **55.07** | 56.0 | 53.9 | 2.1 |
| 26 | 56.4 | 56.5 | 56.9 | 56.9 | 57.1 | 57.4 | 57.6 | 57.9 | 57.9 | 58.3 | 58.6 | 58.7 | 59.1 | 59.3 | 59.6 | 59.9 | 60.4 | 60.9 | 61.0 | 61.4 | 61.5 | 61.7 | 62.2 | 62 3 | 59.15 | 62.3 | 56.4 | 5.9 |
| 27 | 62.5 | 62.8 | 63.3 | 63.6 | 63.9 | 64.0 | 64.4 | 64.9 | 65.1 | 65.4 | 65.7 | 65.9 | 66.0 | 66.6 | 67.0 | 67.4 | 68.0 | 68.2 | 68.5 | 68.8 | 68.6 | 68.9 | 68.9 | 69.0 | 66.14 | 69.0 | 62.5 | 6.5 |
| 28 | 69.0 | 69.0 | 69.1 | 69.0 | 69.1 | 69.1 | 69.1 | 68.9 | 69.2 | 69.1 | 69.2 | 69.1 | 69.3 | 69.1 | 69.4 | 69.4 | 69.3 | 69.3 | 69.2 | 69.4 | 69.0 | 69.1 | 69.0 | 68.7 | 69.13 | 69.4 | 68.7 | 0.7 |
| 29 | 68.5 | 68.1 | 67.9 | 67.7 | 67.6 | 67.6 | 67.3 | 67.1 | 67.2 | 66.9 | 66.6 | 66.3 | 65.7 | 65.6 | 65.5 | 65.4 | 65.0 | 65.1 | 64.9 | 64.5 | 64.4 | 64.0 | 63.6 | 63.3 | 66.08 | 68.5 | 63.3 | 5.2 |
| 30 | 63.0 | 62.9 | 62.7 | 62.4 | 61.9 | 61.4 | 61.2 | 60.9 | 60.7 | 60.4 | 60.2 | 59.5 | 59.2 | 59.2 | 58.5 | 58.0 | 57.7 | 57.6 | 57.5 | 57.3 | 56.8 | 56.8 | 56.6 | 56.3 | 59.53 | 63.0 | 56.3 | 6.7 |
| 31 | 56.1 | 55.6 | 55.3 | 55.2 | 55.1 | 55.0 | 55.1 | 54.8 | 54.7 | 54.6 | 54.5 | 54.9 | 55.0 | 54.6 | 54.7 | 54.8 | 55.1 | 55.3 | 55.3 | 55.4 | 55.3 | 55.3 | 55.1 | 55.4 | 55.09 | 56.1 | 54.5 | 1.6 |
| Среднее Mittel | **64.26** | 64.16 | 64.07 | 64.08 | 64.06 | 64.04 | 63.97 | 63.99 | 63.92 | 63.84 | 63.87 | 63.84 | 63.74 | **63.73** | **63.73** | 63.79 | 63.94 | 64.06 | 64.02 | 63.98 | 63.91 | 63.89 | 63.88 | 63.79 | 63.94 | 65.90 | 61.97 | 3.93 |

## Апрѣль 1883.

Приведеніе къ широтѣ для 766 = + 2.21

Schwerecorrection bei 766 = + 2.21

## April 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55.4 | 55.3 | 55.4 | 55.5 | 55.7 | 55.6 | 56.1 | 56.5 | 56.8 | 56.8 | 57.1 | 57.4 | 58.0 | 58.2 | 58.9 | 59.4 | 59.9 | 60.5 | 61.2 | 61.8 | 62.2 | 62.6 | 63.2 | 63.7 | 58.47 | 63.7 | 55.3 | 8.4 |
| 2 | 64.5 | 65.0 | 65.5 | 65.9 | 66.7 | 66.9 | 67.8 | 68.5 | 69.0 | 69.2 | 69.4 | 69.7 | 70.6 | 71.0 | 71.0 | 71.8 | 72.0 | 72.6 | 72.9 | 73.0 | 73.4 | 73.9 | 74.2 | 74.5 | 69.96 | 74.5 | 64.5 | 10.0 |
| 3 | 74.7 | 74.8 | 75.1 | 75.2 | 75.2 | 75.4 | 75.4 | 75.7 | 76.0 | 76.1 | 76.0 | 75.8 | 76.1 | 76.2 | 76.2 | 76.3 | 76.2 | 76.8 | 76.9 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 75.99 | 76.9 | 74.7 | 2.2 |
| 4 | 76.6 | 76.6 | 76.6 | 76.5 | 76.8 | 77.1 | 77.1 | 77.3 | 77.5 | 77.6 | 77.5 | 77.7 | 77.8 | 78.2 | 78.2 | 78.2 | 78.5 | 78.6 | 79.0 | 78.9 | 79.1 | 78.6 | 79.1 | 78.9 | **77.83** | **79.1** | 76.5 | 2.6 |
| 5 | 78.7 | 78.7 | 78.6 | 78.6 | 78.5 | 78.2 | 78.3 | 78.2 | 77.9 | 78.0 | 77.9 | 77.8 | 77.5 | 77.4 | 77.0 | 76.9 | 76.7 | 76.9 | 76.4 | 76.5 | 75.8 | 75.8 | 76.0 | 75.9 | 77.43 | 78.7 | 75.8 | 2.9 |
| 6 | 76.0 | 75.8 | 75.7 | 75.6 | 75.4 | 75.5 | 75.7 | 75.6 | 75.3 | 75.7 | 75.3 | 75.2 | 75.0 | 75.2 | 74.8 | 74.6 | 74.8 | 74.9 | 74.2 | 74.5 | 74.3 | 74.3 | 74.2 | 74.0 | 75.07 | 76.0 | 74.0 | 2.0 |
| 7 | 73.8 | 73.7 | 73.5 | 73.3 | 73.3 | 72.8 | 72.6 | 72.5 | 72.1 | 72.2 | 72.3 | 72.0 | 71.6 | 71.0 | 70.9 | 70.3 | 70.3 | 70.1 | 70.2 | 70.2 | 70.0 | 70.1 | 70.0 | 69.8 | 71.61 | 73.8 | 69.8 | 4.0 |
| 8 | 69.7 | 69.7 | 69.6 | 69.8 | 69.7 | 69.6 | 69.4 | 69.6 | 69.1 | 69.0 | 68.6 | 68.4 | 67.7 | 67.7 | 67.2 | 67.0 | 66.8 | 66.6 | 66.4 | 66.0 | 65.4 | 65.2 | 64.9 | 64.8 | 67.83 | 69.8 | 64.8 | 5.0 |
| 9 | 64.7 | 64.2 | 64.4 | 64.3 | 64.3 | 64.2 | 64.0 | 63.8 | 63.8 | 63.5 | 63.6 | 63.5 | 63.0 | 62.9 | 62.6 | 62.2 | 61.4 | 61.0 | 60.6 | 60.4 | 60.1 | 59.8 | 59.5 | 59.4 | 62.55 | 64.7 | 59.4 | 5.3 |
| 10 | 59.4 | 59.5 | 59.5 | 60.0 | 60.6 | 60.9 | 61.2 | 61.8 | 62.7 | 63.0 | 63.7 | 64.3 | 64.7 | 65.1 | 65.4 | 65.5 | 65.8 | 66.5 | 66.6 | 66.9 | 67.0 | 67.3 | 67.4 | 67.8 | 63.86 | 67.8 | 59.4 | 8.4 |
| 11 | 68.0 | 68.3 | 68.4 | 68.6 | 68.9 | 69.5 | 69.4 | 69.6 | 69.8 | 69.7 | 70.0 | 69.8 | 69.9 | 69.7 | 69.6 | 69.4 | 69.4 | 69.5 | 69.2 | 68.6 | 68.7 | 68.5 | 68.2 | 69.17 | 70.0 | 68.0 | 2.0 |
| 12 | 67.9 | 67.9 | 67.8 | 67.6 | 67.6 | 67.4 | 67.5 | 67.5 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.4 | 67.4 | 67.5 | 67.4 | 67.8 | 67.9 | 68.0 | 68.0 | 68.1 | 68.0 | 68.1 | 67.69 | 68.1 | 67.4 | 0.7 |
| 13 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.6 | 68.4 | 68.4 | 68.5 | 68.6 | 68.4 | 68.3 | 68.5 | 68.8 | 68.4 | 68.3 | 68.2 | 68.2 | 67.9 | 67.5 | 67.4 | 67.4 | 68.24 | 68.8 | 67.4 | 1.4 |
| 14 | 67.2 | 67.1 | 66.9 | 66.9 | 66.8 | 67.0 | 66.9 | 66.8 | 67.0 | 66.8 | 66.9 | 66.9 | 66.6 | 66.5 | 66.3 | 66.0 | 66.0 | 69.0 | 65.8 | 65.6 | 65.3 | 65.0 | 64.7 | 64.4 | 66.31 | 67.2 | 64.4 | 2.8 |
| 15 | 64.4 | 64.0 | 63.7 | 63.6 | 63.6 | 63.5 | 63.3 | 63.0 | 62.9 | 62.8 | 62.5 | 62.5 | 62.2 | 62.0 | 61.7 | 61.6 | 61.5 | 61.4 | 61.3 | 61.0 | 60.6 | 59.9 | 59.8 | 59.6 | 62.18 | 64.4 | 59.6 | 4.8 |
| 16 | 59.3 | 58.6 | 58.0 | 58.0 | 57.8 | 58.1 | 57.6 | 57.3 | 56.9 | 56.5 | 56.4 | 56.1 | 56.0 | 56.0 | 55.8 | 55.9 | 56.2 | 56.2 | 56.4 | 56.2 | 56.1 | 56.3 | 56.1 | 55.9 | 56.82 | 59.3 | 55.8 | 3.5 |
| 17 | 56.0 | 55.8 | 55.7 | 55.9 | 55.8 | 55.9 | 55.7 | 55.4 | 55.1 | 55.1 | 55.0 | 55.0 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.8 | 55.9 | 56.0 | 56.0 | 56.2 | 56.1 | 56.1 | **55.65** | 56.2 | **55.0** | 1.2 |
| 18 | 56.2 | 56.2 | 56.4 | 56.7 | 56.8 | 57.0 | 57.2 | 57.4 | 57.6 | 57.6 | 57.8 | 58.1 | 58.2 | 58.3 | 58.5 | 58.9 | 59.4 | 59.8 | 59.8 | 60.2 | 60.5 | 60.5 | 61.2 | 61.2 | 58.96 | 61.2 | 56.2 | 5.0 |
| 19 | 61.2 | 61.3 | 61.4 | 61.6 | 61.9 | 62.5 | 63.7 | 62.8 | 62.8 | 63.2 | 63.1 | 62.9 | 63.0 | 63.1 | 63.0 | 63.0 | 63.1 | 63.3 | 63.7 | 63.8 | 63.4 | 63.5 | 63.5 | 63.6 | 62.81 | 63.8 | 61.2 | 2.6 |
| 20 | 63.4 | 63.3 | 63.5 | 63.3 | 63.3 | 63.7 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 64.2 | 64.4 | 64.4 | 64.8 | 65.1 | 64.9 | 65.1 | 65.3 | 63.89 | 65.3 | 63.3 | 2.0 |
| 21 | 65.4 | 65.6 | 65.7 | 65.8 | 66.2 | 66.0 | 66.2 | 66.2 | 66.3 | 66.5 | 66.6 | 66.9 | 67.0 | 67.0 | 67.3 | 67.4 | 67.7 | 67.9 | 68.1 | 68.2 | 68.2 | 68.4 | 68.6 | 68.7 | 66.99 | 68.7 | 65.4 | 3.3 |
| 22 | 68.7 | 68.6 | 68.6 | 68.6 | 68.4 | 68.4 | 68.1 | 68.3 | 68.1 | 67.8 | 67.8 | 67.8 | 67.7 | 67.5 | 67.1 | 66.9 | 66.7 | 66.7 | 66.6 | 66.6 | 66.3 | 66.1 | 65.8 | 65.4 | 67.44 | 68.7 | 65.4 | 3.3 |
| 23 | 65.0 | 65.0 | 64.7 | 64.7 | 65.0 | 64.5 | 64.4 | 64.1 | 63.8 | 63.7 | 63.4 | 63.0 | 62.8 | 62.9 | 62.6 | 62.3 | 62.3 | 62.1 | 62.0 | 62.0 | 61.9 | 61.9 | 61.6 | 61.6 | 63.22 | 65.0 | 61.6 | 3.4 |
| 24 | 61.5 | 61.2 | 61.3 | 61.0 | 61.1 | 60.8 | 61.0 | 60.5 | 60.5 | 60.2 | 59.8 | 59.5 | 59.1 | 59.3 | 59.1 | 59.0 | 59.0 | 59.3 | 59.3 | 59.3 | 59.5 | 59.4 | 59.0 | 59.2 | 59.95 | 61.5 | 59.0 | 2.5 |
| 25 | 59.2 | 59.1 | 59.1 | 59.0 | 59.1 | 59.1 | 59.0 | 58.9 | 58.8 | 58.7 | 58.9 | 59.1 | 59.0 | 59.3 | 59.6 | 59.8 | 60.1 | 60.7 | 60.6 | 60.7 | 60.9 | 60.8 | 60.9 | 61.0 | 59.64 | 61.0 | 58.7 | 2.3 |
| 26 | 61.1 | 61.2 | 61.5 | 61.5 | 61.5 | 61.8 | 62.1 | 62.0 | 62.1 | 62.0 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.4 | 62.9 | 63.0 | 63.2 | 63.1 | 63.1 | 63.1 | 62.9 | 62.9 | 62.28 | 63.2 | 61.1 | 2.1 |
| 27 | 62.7 | 62.4 | 62.1 | 62.1 | 62.5 | 62.5 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.4 | 62.4 | 62.7 | 62.7 | 62.5 | 62.7 | 62.8 | 62.8 | 62.6 | 62.7 | 62.6 | 62.6 | 62.7 | 62.53 | 62.8 | 62.1 | 0.7 |
| 28 | 62.5 | 62.6 | 62.4 | 62.5 | 62.3 | 62.2 | 62.4 | 62.4 | 62.2 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 63.0 | 63.3 | 63.3 | 63.7 | 64.2 | 64.2 | 64.2 | 64.4 | 64.8 | 65.1 | 63.14 | 65.1 | 62.2 | 2.9 |
| 29 | 64.8 | 64.8 | 65.2 | 65.5 | 65.7 | 66.1 | 66.2 | 66.4 | 66.4 | 66.6 | 66.7 | 66.9 | 67.0 | 67.3 | 67.4 | 67.3 | 67.5 | 67.9 | 67.9 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 66.78 | 67.9 | 64.8 | 3.1 |
| 30 | 68.0 | 68.0 | 68.2 | 68.6 | 68.9 | 69.0 | 69.3 | 69.5 | 69.4 | 69.6 | 69.8 | 70.1 | 70.2 | 70.4 | 70.6 | 70.9 | 71.1 | 71.1 | 71.2 | 71.2 | 71.3 | 71.1 | 71.0 | 71.1 | 69.98 | 71.3 | 68.0 | 3.3 |
| Среднее Mittel | 65.47 | **65.42** | 65.43 | 65.48 | 65.59 | 65.65 | 65.69 | 65.73 | 65.71 | 65.74 | 65.77 | 65.78 | 65.76 | 65.83 | 65.79 | 65.81 | 65.89 | 66.07 | 66.11 | **66.12** | 66.05 | 66.02 | 66.00 | 66.03 | 65.79 | 67.48 | 64.03 | 3.45 |

# Барометръ.

## Май 1883.

700 mm +

Высота барометра надъ моремъ / Höhe des Barometers über Meer } 4.88m

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 71.1 | 71.2 | 71.2 | 70.9 | 71.1 | 71.2 | 71.0 | 71.0 | 70.8 | 70.7 | 70.6 | 70.5 | 70.2 | 70.2 |
| 2 | 67.0 | 66.3 | 65.4 | 64.8 | 64.6 | 63.6 | 62.7 | 62.0 | 61.6 | 61.2 | 60.8 | 60.7 | 60.8 | 60.8 |
| 3 | 62.9 | 62.6 | 62.0 | 61.5 | 61.1 | 60.3 | 59.6 | 58.2 | 59.1 | 59.7 | 60.1 | 60.4 | 60.6 | 61.5 |
| 4 | 62.9 | 63.8 | 63.0 | 63.3 | 63.5 | 63.7 | 64.2 | 64.5 | 64.9 | 65.3 | 65.4 | 65.8 | 66.0 | 66.1 |
| 5 | 66.6 | 66.7 | 66.5 | 66.2 | 65.9 | 65.6 | 65.1 | 64.7 | 64.2 | 63.8 | 62.9 | 62.1 | 61.2 | 60.5 |
| 6 | 52.0 | 52.0 | 52.0 | 52.1 | 52.6 | 52.8 | 53.0 | 53.0 | 53.1 | 53.6 | 53.8 | 54.2 | 54.6 | 55.3 |
| 7 | 59.4 | 59.8 | 59.8 | 60.3 | 60.4 | 60.3 | 60.5 | 60.4 | 60.4 | 60.3 | 60.0 | 59.5 | 59.0 | 58.3 |
| 8 | 49.3 | 48.5 | 48.1 | 47.6 | 47.2 | 47.0 | 46.8 | 46.9 | 46.7 | 46.8 | 47.0 | 47.1 | 47.3 | 47.6 |
| 9 | 48.5 | 48.4 | 48.4 | 48.8 | 49.2 | 49.3 | 49.3 | 49.4 | 49.5 | 49.5 | 49.8 | 50.1 | 50.4 | 50.8 |
| 10 | 55.1 | 55.3 | 55.5 | 55.7 | 56.0 | 56.1 | 56.3 | 56.5 | 56.9 | 57.0 | 57.2 | 57.5 | 58.1 | 58.4 |
| 11 | 60.8 | 60.6 | 60.4 | 60.6 | 60.5 | 60.3 | 60.1 | 59 8 | 59.6 | 59.3 | 58.9 | 58.6 | 58.3 | 58.0 |
| 12 | 55.7 | 55.9 | 56.1 | 56.1 | 56.1 | 56.0 | 56.2 | 56.2 | 56.8 | 57.0 | 57.4 | 57.7 | 58.1 | 58.7 |
| 13 | 61.4 | 61.8 | 61.8 | 61.7 | 61.3 | 61.2 | 61.0 | 61.0 | 60.7 | 60.5 | 60.4 | 60.1 | 59.9 | 59.8 |
| 14 | 57.6 | 57.5 | 57.3 | 57.1 | 56.6 | 56.4 | 56.6 | 56.7 | 56.3 | 56.1 | 56.2 | 55.8 | 55.6 | 55.8 |
| 15 | 56.6 | 56.6 | 56.2 | 56.0 | 55.6 | 55.6 | 55.3 | 55.0 | 54.3 | 53.9 | 53.8 | 53.2 | 52.8 | 52.4 |
| 16 | 49.0 | 49.2 | 49.3 | 49.4 | 49.6 | 49.7 | 49.5 | 50.1 | 50.2 | 50.2 | 50.0 | 50.0 | 49.8 | 49.8 |
| 17 | 47.7 | 47.7 | 48.0 | 48.0 | 48.4 | 48.3 | 48.4 | 49.0 | 48.9 | 49.2 | 49.4 | 49.4 | 49.9 | 50.1 |
| 18 | 50.2 | 50.3 | 50.0 | 49.9 | 49.4 | 49.3 | 49.1 | 49.4 | 49.3 | 49.4 | 49.3 | 49.5 | 49.4 | 49.6 |
| 19 | 48.2 | 48.0 | 47.6 | 47.5 | 47.1 | 46.8 | 46.3 | 46.2 | 45.9 | 46.1 | 45.9 | 45.6 | 45.2 | 45.4 |
| 20 | 47.3 | 47.8 | 48.2 | 48.3 | 48.7 | 48.8 | 48.9 | 48.9 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.7 |
| 21 | 50.4 | 50.3 | 50.3 | 50.4 | 50.5 | 50.0 | 50.0 | 50.2 | 50.0 | 50.0 | 50.1 | 50.5 | 50.6 | 50.8 |
| 22 | 52.4 | 52.4 | 52.2 | 52.0 | 51.7 | 51.0 | 50.4 | 50.3 | 50.1 | 50.7 | 51.2 | 51.5 | 51.7 | 51.8 |
| 23 | 53.8 | 53.6 | 53.8 | 53.8 | 53.7 | 53.5 | 53.5 | 53.7 | 53.6 | 53.5 | 53.6 | 53.7 | 53.6 | 53.6 |
| 24 | 54.9 | 54.8 | 54.6 | 54.6 | 54.7 | 54.9 | 54.7 | 54.5 | 54.6 | 54.8 | 55.0 | 55.2 | 55.3 | 55.4 |
| 25 | 55.8 | 55.7 | 55.6 | 55.6 | 55.8 | 55.9 | 55.8 | 55.9 | 55.8 | 55.8 | 55.9 | 56.0 | 56.1 | 56.3 |
| 26 | 56.0 | 56.0 | 55.8 | 55.8 | 55.8 | 55.9 | 56.0 | 56.2 | 56.4 | 56.5 | 56.8 | 56.9 | 57.0 | 57.4 |
| 27 | 59.4 | 59.3 | 59.1 | 59.3 | 59.3 | 59.1 | 58.9 | 58.7 | 58.8 | 58.7 | 58.6 | 58.3 | 58.0 | 57.7 |
| 28 | 53.7 | 53.0 | 52.6 | 52.5 | 52.2 | 52.1 | 51.3 | 51.4 | 51.3 | 51.1 | 51.0 | 51.1 | 51.1 | 51.4 |
| 29 | 54.4 | 54.6 | 54.7 | 55.0 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.8 | 55.9 | 56.0 | 55.9 | 56.2 |
| 30 | 55.3 | 55.0 | 54.8 | 54.7 | 54.6 | 54.3 | 54.1 | 53.9 | 53.6 | 53.5 | 53.5 | 53.1 | 53.0 | 52.7 |
| 31 | 54.8 | 55.1 | 55.3 | 55.7 | 56.2 | 56.5 | 56.7 | 57.3 | 57.9 | 58.5 | 58.7 | 58.9 | 59.3 | 59.6 |
| Среднее Mittel | 55.81 | 55.77 | 55.66 | 55.65 | 55.63 | 55.51 | 55.38 | 55.37 | **55.35** | 55.41 | 55.43 | 55.43 | 55.42 | 55.54 |

# Luftdruck.

## Mai 1883.

Среднее мѣстное время. / Mittlere Ortszeit.

Приведеніе къ широтѣ для / Schwerecorrection bei } 756 = + 2.14

| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средніи. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69.8 | 69.9 | 70.1 | 69.7 | 69.5 | 69.2 | 68.8 | 68.3 | 68.0 | 67.5 | **70.10** | **71.2** | 67.5 | 3.7 |
| 60.7 | 61.1 | 61 4 | 61.9 | 62.2 | 62.7 | 62.9 | 63.1 | 63.0 | 63.0 | 62.68 | 67.0 | 60.7 | 6.3 |
| 62.5 | 61.8 | 62 1 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.9 | 62.8 | 61.42 | 62.9 | 58.2 | 4.7 |
| 66.4 | 66.5 | 66.8 | 66.9 | 67.0 | 66.8 | 66.8 | 67.0 | 66.7 | 66.5 | 65.37 | 67.0 | 62.8 | 4.2 |
| 59.5 | 58.6 | 57.9 | 57.1 | 56.2 | 55.5 | 54.4 | 53.8 | 53.1 | 52.8 | 60.87 | 66.7 | 52.8 | 13.9 |
| 55.7 | 56.3 | 57.0 | 57.6 | 57.9 | 58.3 | 58.8 | 59.1 | 59.2 | 59.4 | 55.14 | 59.4 | 52.0 | 7.4 |
| 57.6 | 57 2 | 56.6 | 55.8 | 54.8 | 53.6 | 52.7 | 51.7 | 50.7 | 49 9 | 57.46 | 60.5 | 49.9 | 10.6 |
| 47.8 | 47.8 | 48.3 | 48.5 | 48.4 | 48.5 | 48.5 | 48.4 | 48.5 | 48.6 | 47.80 | 49.3 | 46.7 | 2.6 |
| 51.1 | 51.6 | 52.0 | 52 4 | 53.2 | 53.5 | 53.8 | 54.2 | 54.7 | 55.1 | 50.96 | 55.1 | 48.4 | 6.7 |
| 58.9 | 59.4 | 59.8 | 60 2 | 60.3 | 60.4 | 60.2 | 60.4 | 60.5 | 60.7 | 58.02 | 60.7 | 55.1 | 5.6 |
| 57.6 | 57.5 | 57.5 | 57.3 | 57.0 | 56.8 | 56.5 | 56.3 | 55.8 | 55.7 | 58.49 | 60.8 | 55.7 | 5.1 |
| 58.9 | 60.2 | 59.8 | 60 1 | 60.2 | 60.4 | 60.7 | 60.8 | 61.0 | 61.1 | 58.22 | 61.1 | 55.7 | 5.4 |
| 59.6 | 59.0 | 58.7 | 58.8 | 58.6 | 58.5 | 58.1 | 58.0 | 57.8 | 57.6 | 59.89 | 61.8 | 57.6 | 4.2 |
| 55.8 | 55.9 | 56.3 | 56 3 | 56.7 | 56.7 | 56.4 | 56.8 | 56.9 | 56.5 | 56.49 | 57.6 | 55.6 | 2.0 |
| 52.2 | 51.9 | 51.6 | 51.2 | 51.0 | 50.6 | 50.2 | 49.8 | 49.3 | 49.4 | 53.10 | 56.6 | 49.3 | 7.3 |
| 49.6 | 49 2 | 48.7 | 48.9 | 48.6 | 48.5 | 48.3 | 48.2 | 48.0 | 48.0 | 49.24 | 50.2 | 48.0 | 2.2 |
| 50.2 | 50.2 | 50.4 | 50.3 | 50.2 | 50.2 | 50.0 | 50.4 | 50.3 | 50.3 | 49.37 | 50.4 | 47.7 | 2.7 |
| 49.6 | 49.7 | 49.8 | 49.7 | 49.6 | 49.7 | 49.4 | **49 0** | 48.7 | 49.4 | 49.54 | 50.3 | 48.7 | 1.6 |
| 45.3 | 45.5 | 45 5 | 45.7 | 45.8 | 45.9 | 45.9 | 46.2 | 46.5 | 46.8 | **46.29** | 48.2 | **45.2** | 3.0 |
| 49.6 | 50.1 | 49.9 | 50.0 | 50.4 | 50.5 | 50.6 | 50.5 | 50.4 | 50.5 | 49.37 | 50.6 | 47.3 | 3.3 |
| 51.0 | 51.2 | 51.4 | 51 6 | 51.9 | 52.1 | 52.2 | 52.4 | 52 4 | **52.6** | 50.95 | 52.6 | 50.0 | **2.6** |
| 51.9 | 51.8 | 51.9 | 52.3 | 52.6 | 53.2 | 53.5 | 53.7 | 53.8 | 53.6 | 51.99 | 53.8 | 50.1 | 3.7 |
| 54.2 | 54.3 | 54.6 | 55.0 | 55.1 | 55.3 | 55.2 | 55.2 | **55.2** | 55.0 | 54.17 | 55.3 | 53.5 | 1.8 |
| 55.8 | 55 8 | 55.8 | 56.0 | 56.2 | 56.1 | 56.0 | 56.1 | 56.1 | 56.0 | 55.33 | 56.2 | 54.5 | 1.7 |
| 56.3 | 56.3 | 56.2 | 56.3 | 56.4 | 56.3 | 56.4 | 56.3 | 56.0 | 55.9 | 56.02 | 56.4 | 55.6 | 0.8 |
| 57.7 | 57.8 | 58.1 | 58.3 | 58.6 | 58.8 | 59.0 | 59.1 | 59.1 | 59.2 | **57.26** | 59.2 | 55.8 | 3.4 |
| 57.5 | 57.1 | 56 8 | 56.6 | 56.4 | 56.3 | 55.9 | 55.5 | 54.8 | 54.5 | 57.69 | 59.4 | 54.5 | 4.9 |
| 51.7 | 51.9 | 52.3 | 52.4 | 52.8 | 53.2 | 53.5 | 53.9 | 54.0 | 54.3 | 52.35 | 54.3 | 51.0 | 3.3 |
| 55.8 | 55.7 | 56.1 | 56.0 | 56.1 | 55.9 | 56.5 | 55.9 | 55.7 | 55.6 | 55.62 | 56.5 | 54.4 | 2.1 |
| 53.0 | 53.0 | 53.0 | 53.5 | 53.6 | 53.6 | 54.0 | 54.0 | 54.8 | 54.2 | 53.85 | 55.3 | 52.7 | 2.6 |
| 60.0 | 60.5 | 61.0 | 61.4 | 61.8 | 62.1 | 62.5 | 63.0 | 63.2 | 63.3 | 59.14 | 63.3 | 54.8 | 8.5 |
| 55.59 | 55.64 | 55.72 | 55.81 | **55.86** | **55.86** | 55.82 | 55.81 | 55.71 | 55.65 | 55.62 | 57.73 | 53.28 | 4.45 |

# Іюнь 1883.

Приведеніе къ широтѣ для 752 = + 2.12

| 1 | 63.5 | 64.0 | 64.2 | 64.5 | 64.8 | 64.9 | 65.3 | 65.4 | 65.8 | 65.8 | 66.0 | 66.2 | 66.5 | 66.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 66.8 | 66.7 | 66.6 | 66.4 | 66.1 | 65.9 | 66.0 | 65.6 | 65.6 | 65.3 | 65.1 | 64.8 | 64.3 | 63.8 |
| 3 | 57.6 | 57.2 | 56.0 | 55.3 | 54.6 | 53.7 | 52.7 | 51.9 | 50.8 | 50.0 | 48.9 | 47.7 | 46.9 | 46.1 |
| 4 | 39.4 | 38.8 | 38.1 | 37.4 | 36.8 | 36.1 | 35.5 | 35.2 | 35.5 | 35.7 | 36.0 | 36.2 | 36.4 | 37.0 |
| 5 | 47.7 | 48.5 | 49.4 | 49.9 | 51.0 | 51.5 | 52.2 | 52.6 | 53.7 | 54.4 | 54.7 | 55.0 | 55.3 | 55.9 |
| 6 | 59.2 | 59.3 | 59.6 | 59.9 | 60.3 | 60.6 | 60.4 | 60.8 | 60.8 | 60.9 | 61.2 | 61.2 | 61.2 | 61.4 |
| 7 | 62.2 | 62.4 | 62.7 | 62.9 | 63.0 | 62.9 | 63.1 | 63.5 | 63.1 | 63.3 | 63.3 | 63.5 | 63.3 | 63.2 |
| 8 | 62.4 | 62.3 | 62.2 | 62.5 | 62.2 | 62.1 | 62.0 | 62.0 | 61.8 | 61.7 | 61.4 | 61.4 | 61.2 | 61.0 |
| 9 | 59.1 | 58.4 | 57.9 | 57.7 | 57.6 | 57.1 | 56.6 | 56.4 | 55.9 | 55.4 | 54.7 | 54.3 | 53.5 | 52.9 |
| 10 | 49.0 | 48.3 | 47.7 | 47.4 | 46.7 | 46.7 | 45.9 | 45.7 | 45.3 | 44.8 | 44.3 | 44.1 | 44.0 | 44.1 |
| 11 | 43.7 | 43.5 | 43.3 | 43.2 | 43.2 | 43.0 | 42.9 | 42.7 | 43.0 | 43.1 | 43.5 | 44.3 | 44.8 | 45.3 |
| 12 | 48.6 | 48.7 | 48.7 | 49.0 | 49.2 | 49.1 | 49.0 | 48.8 | 48.4 | 48.2 | 48.3 | 48.2 | 48.2 | 48.2 |
| 13 | 49.9 | 49.4 | 49.2 | 48.9 | 48.8 | 48.4 | 48.0 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.8 | 48.0 |
| 14 | 50.2 | 50.4 | 50.7 | 50 7 | 50.8 | 50.8 | 51.1 | 51.7 | 51.6 | 51.9 | 52.0 | 52.4 | 52.3 | 52.3 |
| 15 | 51.7 | 51.6 | 51.4 | 51.1 | 51.1 | 50.8 | 50.8 | 50.5 | 50.3 | 50.1 | 50.1 | 50.7 | 50.6 | 50.6 |
| 16 | 51.8 | 51.8 | 51.9 | 52.0 | 51.9 | 51 9 | 51.7 | 51.3 | 51.6 | 51.7 | 51.8 | 51.7 | 51.7 | 51.9 |
| 17 | 52.3 | 52.5 | 52.2 | 52.3 | 52.1 | 52.2 | 52.4 | 52.5 | 52.5 | 52.6 | 52.8 | 52.8 | 52.9 | 53.3 |
| 18 | 55.2 | 55.2 | 55.4 | 55.8 | 55.9 | 56.0 | 56.2 | 56.7 | 56.4 | 56.3 | 56.5 | 56.6 | 56.8 | 56.9 |
| 19 | 57.7 | 58.0 | 58.1 | 58.1 | 58 2 | 58.3 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.6 |
| 20 | 59.2 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.0 | 59.1 | 58.9 | 59.1 | 59.0 | 57.8 | 58.8 | 58.8 |
| 21 | 58.4 | 58.2 | 58.4 | 58.3 | 58.3 | 58.3 | 58.2 | 58.0 | 58.0 | 58.0 | 57.8 | 57.8 | 57.6 | 57.8 |
| 22 | 55.9 | 55.6 | 55.5 | 55.2 | 55.1 | 54.7 | 54.6 | 54.4 | 54.0 | 53.8 | 53.6 | 53.0 | 53.0 | 53.1 |
| 23 | 51.0 | 50.7 | 50.4 | 50.1 | 49.9 | 49.4 | 48.8 | 48.3 | 47.9 | 47.4 | 46.9 | 46.4 | 45.9 | 45.7 |
| 24 | 43.6 | 43.7 | 43.8 | 44.1 | 44.2 | 44.3 | 44.7 | 45.2 | 45.5 | 45.8 | 46.1 | 46.6 | 46.8 | 47.2 |
| 25 | 49.4 | 49.3 | 49.3 | 49.4 | 49.7 | 49.9 | 49.6 | 49.6 | 49.6 | 49.4 | 49.3 | 49.5 | 49.1 | 48.9 |
| 26 | 46.2 | 45.4 | 44.9 | 44.4 | 44.5 | 43.4 | 42.6 | 42.2 | 42.0 | 41.5 | 41.1 | 41.0 | 40.7 | 40.7 |
| 27 | 40.2 | 40.4 | 40.2 | 40.4 | 40.7 | 40.9 | 40.9 | 41.6 | 41.7 | 42.0 | 42.6 | 42.9 | 43.2 | 43.4 |
| 28 | 48.5 | 48.9 | 49 3 | 49.5 | 50.0 | 50.4 | 50.8 | 51.4 | 51.4 | 51.7 | 51.7 | 51.9 | 52.4 | 52.8 |
| 29 | 54.1 | 54.0 | 54.0 | 54.2 | 54.5 | 54.5 | 54.2 | 54.3 | 53.9 | 53.9 | 53.6 | 53.5 | 53.3 | 53.0 |
| 30 | 48.0 | 47.3 | 47.0 | 46.4 | 45.6 | 45.2 | 44.7 | 44.5 | 44.2 | 44.1 | 43.9 | 44.0 | 44.1 | 44.3 |
| Среднее Mittel | **52.75** | 52.65 | 52.57 | 52.54 | 52.53 | 52.40 | 52.27 | 52.27 | 52.18 | 52.14 | 52.08 | 52.06 | **52.04** | 52.09 |

# Juni 1883.

Schwerecorrection bei 752 = + 2.12

| 66.5 | 66.9 | 67.3 | 67.4 | 67.2 | 67.2 | 66.9 | 67.1 | 67.3 | 66.9 | **66.01** | **67.4** | 63.5 | 3.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.4 | 62.9 | 62.5 | 62 0 | 61.3 | 60.9 | 60.3 | 59.7 | 59.0 | 58.2 | 63.72 | 66.8 | 58.2 | 8.6 |
| 45.4 | 44.0 | 43.1 | 43.2 | 43.2 | 42.0 | 41 5 | 40.9 | 40.2 | 39.8 | 48.08 | 57.6 | 39.8 | 17.8 |
| 37.8 | 38.9 | 39.8 | 40.9 | 41.9 | 42.8 | 43.7 | 44.6 | 45.8 | 46.8 | **39.46** | 46.8 | **35.2** | 11.6 |
| 56.4 | 56.8 | 57.1 | 57.2 | 57.7 | 58.1 | 58.3 | 58.7 | 59.1 | 59.0 | 54.59 | 59.1 | 47.7 | 11.4 |
| 61.3 | 61.6 | 61.9 | 61.8 | 61.9 | 62.0 | 62.0 | 62.2 | 62.2 | 62.3 | 61.08 | 62.3 | 59.2 | 3.1 |
| 63.1 | 63.2 | 63.3 | 63.4 | 63.4 | 63.3 | 62.9 | 63.1 | 62.9 | 62.5 | 63.06 | 63.5 | 62.2 | 1.3 |
| 60.9 | 60.6 | 60.5 | 60.6 | 60.3 | 60.2 | 60.0 | 60 0 | 59.5 | 59.4 | 61.18 | 62.5 | 59.4 | 3.1 |
| 52.4 | 52.0 | 51.7 | 51.6 | 51.0 | 50.6 | 50 1 | 49.7 | 49.7 | 49.6 | 53.99 | 59.1 | 49.6 | 9.5 |
| 43.5 | 43.6 | 44.1 | 44.1 | 44.1 | 44.1 | 43.9 | 44.0 | 43.9 | 43.7 | 45.13 | 49.0 | 43.5 | 5.5 |
| 45.7 | 46.1 | 46.6 | 46.9 | 47.4 | 47.8 | 48.1 | 48.6 | 48.2 | 48.3 | 45.13 | 48.6 | 42.7 | 5.9 |
| 48.5 | 48.6 | 49.0 | 49.3 | 49.6 | 49.7 | 49.8 | 49.7 | 49.5 | 49.9 | 48.93 | 49.9 | 48.2 | 1.7 |
| 48.4 | 48.5 | 48.9 | 49.4 | 49 6 | 49.6 | 49.7 | 50.0 | 50.0 | 50.4 | 48.84 | 50.4 | 47.8 | 2.6 |
| 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.4 | 52.3 | 52.2 | 52.0 | 51.9 | 51.76 | 52.7 | 50.2 | 2.5 |
| 50.7 | 50.9 | 51.1 | 51.3 | 51.5 | 52.1 | 51.8 | 51.9 | 51.8 | 52.1 | 51.11 | 52.1 | 50.1 | 2.0 |
| 52.0 | 52.1 | 52.2 | 52.4 | 52.8 | 52.8 | 52.5 | 52.6 | 52.4 | 52.3 | 52.03 | 52.8 | 51.3 | 1.5 |
| 53.3 | 53.4 | 53.6 | 53.8 | 54.3 | 54.3 | 54.6 | 55.1 | 55.1 | 55.2 | 53.25 | 55.2 | 52.1 | 3.1 |
| 56.9 | 56.9 | 57.1 | 57.2 | 57.3 | 57.5 | 57.6 | 58.0 | 59.8 | 59.7 | 56.83 | 59.8 | 55.2 | 4.6 |
| 58.5 | 58.7 | 58.7 | 59.0 | 59.3 | 59.2 | 59.1 | 59.4 | 59.1 | 59.1 | 58.57 | 59.4 | 57.7 | 1.7 |
| 58.9 | 58.9 | 58.7 | 58.7 | 58.8 | 58.6 | 58.6 | 58.5 | 58.4 | 58.2 | 58.80 | 59.2 | 57.8 | 1.4 |
| 57.4 | 57.6 | 57.6 | 57.4 | 57.1 | 57.0 | 56.7 | 56.6 | 56.1 | 56.0 | 57.61 | 58.4 | 56.0 | 2.4 |
| 52.7 | 52.6 | 52.2 | 52.2 | 52.4 | 52.2 | 51.8 | 51.2 | 51.3 | 51.1 | 53 38 | 55.9 | 51.1 | 4.8 |
| 45.9 | 45.8 | 45.3 | 44.9 | 44.6 | 44.2 | 44.0 | 43.7 | 43.5 | 43.8 | 46.85 | 51.0 | 43.5 | 7.5 |
| 47.5 | 48.0 | 48.0 | 48.5 | 48.8 | 49.2 | 49.4 | 49.7 | 49.4 | 49.4 | 46.65 | 49.7 | 43.6 | 6.1 |
| 49.1 | 48.9 | 48.7 | 48.7 | 48.5 | 48.0 | 47.8 | 47.5 | 47.4 | 47.0 | 48.90 | 49.9 | 47.0 | 2.9 |
| 40.5 | 40.5 | 40.3 | 40.4 | 40.4 | 40.2 | 40.1 | 40.2 | 40.1 | 40.1 | 41.81 | 46 2 | 40.1 | 6.1 |
| 43.7 | 44.3 | 44.9 | 45.4 | 46.0 | 46.5 | 46.9 | 47.4 | 47.9 | 48.3 | 43.43 | 48.3 | 40.2 | 8.1 |
| 52.8 | 52.9 | 53.2 | 53.6 | 53.7 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 51.95 | 54.1 | 48.5 | 5.6 |
| 52.7 | 52.4 | 51.8 | 51.7 | 51.3 | 50.4 | 49.9 | 49.6 | 49.0 | 48.3 | 52.59 | 54.5 | 48.3 | 6.2 |
| 44.3 | 44.3 | 44.5 | 44.7 | 45.0 | 45.5 | 45.7 | **45.7** | 46.1 | 46.3 | 45.23 | 48 0 | 43.9 | 4.1 |
| 52.08 | 52.14 | 52.21 | 52.34 | 52.44 | 52.41 | 52.33 | 52.39 | 52.36 | 52.32 | 52.33 | 55.01 | 49.79 | 5.22 |

# Барометръ.

700 mm +

Высота барометра надъ моремъ / Höhe des Barometers über Meer } 4.88m

## Іюль 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46.7 | 47.1 | 47.5 | 47.8 | 48.1 | 48.5 | 48.8 | 49.3 | 49.2 | 49.4 | 49.7 | 49.9 | 50.4 | 50.8 |
| 2 | 55.4 | 55.8 | 56.4 | 56.9 | 57.4 | 57.8 | 58.5 | 58.9 | 58 9 | 59.2 | 59.9 | 60.3 | 60.6 | 61.0 |
| 3 | 63.4 | 63.6 | 63.9 | 64.1 | 64.2 | 64.4 | 64.4 | 64.7 | 64.9 | 64.9 | 64.8 | 64.9 | 65.1 | 65.0 |
| 4 | 64.7 | 64.8 | 64.9 | 64.6 | 64.4 | 64.2 | 64.0 | 64.0 | 64.1 | 63.8 | 63.7 | 63.2 | 62.5 | 61.9 |
| 5 | 61.8 | 61.5 | 61.4 | 61.8 | 61.8 | 62.2 | 62.2 | 62.8 | 62.7 | 62.9 | 63.0 | 63.2 | 63.6 | 64.1 |
| 6 | 66 6 | 66.8 | 67.0 | 67 1 | 66 8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.4 | 66.0 | 65.8 | 65.6 | 65.4 |
| 7 | 64 4 | 64.4 | 64.2 | 64.1 | 64.1 | 64.1 | 63.8 | 63.8 | 63 4 | 63.3 | 62.9 | 62.8 | 62.2 | 61.9 |
| 8 | 58.5 | 58.1 | 57.8 | 57.5 | 57.1 | 56.8 | 56.3 | 56.2 | 55 6 | 55.5 | 55.3 | 55.0 | 54.8 | 54.6 |
| 9 | 53.8 | 53.6 | 53.3 | 53.2 | 58 2 | 53.1 | 52.9 | 52.7 | 52.3 | 52.5 | 52.4 | 52.3 | 52.3 | 52.3 |
| 10 | 50.0 | 49.6 | 49.5 | 49.5 | 49 6 | 49.7 | 49.6 | 49.6 | 49 3 | 49.8 | 50.1 | 50.6 | 50.9 | 51.0 |
| 11 | 51.3 | 51.0 | 51.4 | 51.1 | 50 9 | 50.7 | 50.5 | 50.5 | 50.5 | 50.2 | 50.3 | 50.2 | 50.2 | 50.0 |
| 12 | 50.3 | 50.5 | 50.3 | 50.5 | 50.7 | 50.6 | 50.6 | 50.9 | 50.8 | 51.1 | 51.1 | 51.2 | 51.4 | 51.7 |
| 13 | 54.3 | 54.3 | 54.7 | 55.4 | 55.6 | 55.7 | 56 0 | 56 2 | 56 3 | 56.6 | 56.8 | 57.1 | 57.4 | 57.7 |
| 14 | 59.2 | 59.4 | 59.4 | 59.7 | 60 0 | 59.9 | 60.1 | 60.4 | 60.1 | 60.3 | 60.3 | 60.2 | 59.9 | 60.1 |
| 15 | 60.0 | 59.9 | 59.8 | 59.7 | 59.9 | 60.1 | 59.9 | 60.1 | 60.1 | 59.7 | 59.8 | 59.9 | 59.9 | 59.7 |
| 16 | 60.4 | 60.4 | 60.3 | 60.1 | 60.3 | 60.6 | 60.3 | 60.6 | 60.3 | 60.4 | 60.5 | 60.7 | 60.5 | 60.7 |
| 17 | 62.0 | 62.0 | 61.9 | 62.2 | 62.3 | 62.3 | 62.6 | 62.8 | 62.7 | 62.8 | 62.8 | 62.9 | 63.2 | 63.0 |
| 18 | 62.9 | 62.9 | 63.1 | 63.3 | 63 5 | 63.8 | 63.9 | 64.3 | 64.3 | 64.5 | 64.7 | 64.7 | 64.5 | 64.6 |
| 19 | 64.3 | 64.1 | 64.2 | 64 2 | 64.2 | 64.2 | 63.7 | 63.7 | 63.3 | 63 1 | 63.0 | 62.6 | 62.3 | 62.1 |
| 20 | 61.4 | 61.3 | 61.2 | 61.1 | 61.0 | 61 1 | 61.0 | 60.9 | 60.7 | 60.6 | 60.4 | 60.1 | 59.9 | 59.8 |
| 21 | 58.5 | 58.3 | 57.9 | 57.9 | 57.9 | 57.7 | 57.4 | 57.4 | 57.1 | 56.9 | 56.9 | 56.6 | 56.6 | 56.4 |
| 22 | 55.0 | 55.2 | 55 2 | 55.1 | 55.3 | 55.4 | 55.1 | 55.5 | 55 4 | 55.2 | 55.5 | 55.4 | 55.2 | 55.1 |
| 23 | 54.4 | 54.3 | 54.2 | 53 8 | 53 9 | 53 4 | 53 8 | 53 3 | 53.2 | 53.2 | 52.9 | 53.0 | 53.1 | 52.9 |
| 24 | 52 6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.9 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 |
| 25 | 55.0 | 55.1 | 55.3 | 55.3 | 55.7 | 55 9 | 56.0 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| 26 | 57.5 | 57.6 | 57.6 | 57.4 | 57.5 | 57.5 | 57.3 | 57.3 | 57.1 | 57.2 | 57.3 | 57.3 | 57.2 | 57.1 |
| 27 | 58.9 | 58.8 | 58.7 | 58.6 | 58.7 | 58.8 | 58.6 | 58.7 | 58.8 | 58.7 | 58.9 | 58.8 | 59.0 | 58.9 |
| 28 | 58.3 | 58.5 | 58 6 | 58 5 | 58.5 | 58.6 | 58.6 | 58.7 | 58.5 | 58.3 | 58.2 | 58.1 | 57.8 | 57.7 |
| 29 | 54.5 | 54.1 | 53.8 | 53.5 | 53 4 | 53.3 | 53.1 | 53 4 | 53.2 | 53.3 | 53.6 | 53.8 | 53.9 | 54.0 |
| 30 | 54.6 | 54.7 | 54.7 | 54.9 | 55.3 | 55.4 | 55.5 | 55.8 | 55.9 | 56.0 | 56.3 | 56.4 | 56.4 | 56.6 |
| 31 | 56.8 | 56.5 | 56.0 | 56.2 | 56.2 | 55.9 | 55.4 | 55.4 | 55.1 | 55.0 | 54.9 | 54.7 | 54.5 | 54.6 |
| Среднее Mittel | 57.66 | **57.64** | **57.61** | 57.67 | 57.75 | 57.79 | 57.73 | 57.86 | 57.74 | 57.75 | 57.79 | 57.78 | 57.76 | 57.76 |

Среднее мѣстное время. / Mittlere Ortszeit.

Приведеніе къ широтѣ для / Schwerecorrection bei } 756 = + 2.13

# Luftdruck.

## Juli 1883.

| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51.1 | 51.3 | 51.9 | 52.1 | 52.6 | 53.0 | 53.4 | 53.9 | 54.5 | 54.8 | 50.49 | 54.8 | **46.7** | 8.1 |
| 61.4 | 61.7 | 62.0 | 62.0 | 62.4 | 62.6 | 62.8 | 62.9 | 63.1 | 63.3 | 60.05 | 63.3 | 55.4 | 7.9 |
| 65.0 | 64.9 | 64.8 | 65.0 | 65.4 | 64.9 | 61.8 | 64.8 | 64.9 | 64.7 | 64.65 | 65.4 | 63.4 | 2.0 |
| 61.9 | 61.7 | 61.6 | 61.6 | 61.8 | 61.8 | 61.5 | 61.5 | 61.9 | 62.0 | 63.00 | 64.9 | 61.5 | 3.4 |
| 64.3 | 64.5 | 65.0 | 65.3 | 65.7 | 66.1 | 66.3 | 66.6 | 66.8 | 66.6 | 63.84 | 66.8 | 61.4 | 5.4 |
| 65.3 | 65.0 | 64.7 | 65.0 | 64.9 | 64.9 | 64.7 | 64.5 | 64.7 | 64.4 | **65.78** | **67.1** | 64.4 | 2.7 |
| 61.4 | 61.2 | 60.8 | 61.0 | 60.7 | 60.5 | 59.9 | 59.8 | 59.3 | 59.3 | 62.22 | 64.4 | 59.3 | 5.1 |
| 54.6 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.3 | 54.3 | 54.2 | 53.8 | 55.53 | 58.5 | 53.8 | 4.7 |
| 52.4 | 52.2 | 51.7 | 51.3 | 51.3 | 51.2 | 50.9 | 50.9 | 50.3 | 50.2 | 52.18 | 53.8 | 50.2 | 3.6 |
| 51.3 | 51.4 | 51.6 | 51.7 | 51.7 | 51.8 | 51.6 | 51.6 | 51.5 | 51.3 | 50.60 | 51.8 | 49.3 | 2.5 |
| 50.3 | 50.2 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.4 | 50.6 | **50.48** | 51.4 | 50.0 | 1.4 |
| 51.9 | 52.1 | 52.3 | 52.4 | 52.7 | 53.1 | 53.1 | 53.3 | 53.9 | 54.2 | 51.70 | 54.2 | 50.3 | 3.9 |
| 57.9 | 58.0 | 58.2 | 58.3 | 58.8 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 57.14 | 59.4 | 54.3 | 5.1 |
| 60.2 | 59.9 | 60.1 | 60.2 | 60.2 | 60.1 | 60.4 | 60.4 | 60.4 | 60.2 | 60.05 | 60.9 | 59.2 | 1.7 |
| 59.9 | 60.0 | 59.9 | 60.1 | 60.4 | 60.7 | 60.8 | 60.9 | 60.8 | 60.3 | 60.10 | 60.9 | 59.7 | 1.2 |
| 61.0 | 61.0 | 60.9 | 61.3 | 61.5 | 61.6 | 61.9 | 61.9 | 62.0 | 61.9 | 60.88 | 62.0 | 60.1 | 1.9 |
| 63.0 | 62.9 | 63.0 | 63.2 | 63.2 | 62.9 | 63.0 | 63.1 | 63.1 | 63.0 | 62.75 | 63.2 | 61.9 | 1.3 |
| 64.3 | 64.3 | 64.4 | 64.5 | 64.7 | 64.7 | 64.5 | 64.5 | 64.4 | 64.2 | 64.15 | 64.7 | 62.9 | 1.8 |
| 61.9 | 61.8 | 61.8 | 61.8 | 61.8 | 61.7 | 61.5 | 61.5 | 61.5 | 61.5 | **63.74** | 64.3 | 61.5 | 2.8 |
| 59.6 | 59.7 | 59.4 | 59.3 | 59.2 | 59.2 | 58.9 | 58.8 | 58.7 | 58.6 | 60.08 | 61.4 | 58.6 | 2.8 |
| 56.2 | 55.9 | 55.9 | 55.7 | 55.8 | 55.6 | 55.6 | 55.5 | 55.3 | 55.2 | 56.68 | 58.5 | 55.2 | 3.3 |
| 55.0 | 54.8 | 54.8 | 55.0 | 55.0 | 54.8 | 54.5 | 54.5 | 54.4 | 54.4 | 55.03 | 55.5 | 54.4 | 1.1 |
| 52.9 | 52.5 | 52.5 | 52.7 | 52.6 | 52.7 | 52.5 | 52.6 | 52.6 | 52.6 | 53.15 | 54.4 | 52.5 | 1.9 |
| 53.6 | 53.8 | 53.9 | 54.0 | 54.1 | 54.3 | 54.3 | 54.5 | 54.6 | 54.8 | 53.46 | 54.8 | 52.6 | 2.2 |
| 56.4 | 56.4 | 56.9 | 57.0 | 57.0 | 57.2 | 57.2 | 57.4 | 57.5 | 57.6 | 56.37 | 57.6 | 55.0 | 2.6 |
| 57.4 | 57.5 | 57.8 | 58.2 | 58.3 | 58.5 | 58.7 | 58.7 | 59.0 | 58.9 | 57.75 | 59.0 | 57.1 | 1.9 |
| 58.8 | 59.0 | 59.1 | 59.0 | 58.9 | 58.9 | 58.9 | 58.7 | 58.6 | 58.3 | 58.80 | 59.1 | 58.3 | 0.8 |
| 57.8 | 57.7 | 57.4 | 57.2 | 57.1 | 56.8 | 56.4 | 56.2 | 55.7 | 55.1 | 57.68 | 58.7 | 55.1 | 3.6 |
| 54.2 | 54.4 | 54.6 | 54.6 | 54.5 | 54.5 | 54.5 | 54.4 | 54.5 | 54.7 | 53.99 | 54.7 | 53.1 | 1.6 |
| 56.8 | 56.8 | 56.9 | 57.0 | 57.2 | 57.2 | 57.3 | 57.2 | 57.1 | 56.9 | 56.20 | 57.3 | 54.6 | 2.7 |
| 54.8 | 54.7 | 54.5 | 54.6 | 54.6 | 54.5 | 54.4 | 54.4 | 54.4 | 54.5 | 55.11 | 56.8 | **54.4** | 2.4 |
| 57.83 | 57.80 | 57.84 | 57.93 | 58.03 | 58.05 | 58.00 | 58.02 | **58.05** | 57.98 | 57.83 | 59.34 | 56.33 | 3.01 |

## Августъ 1883.

Приведеніе къ широтѣ для 756 = + 2.12

| 1 | 54.9 | 55.0 | 55.2 | 55.3 | 55.7 | 55.9 | 56.1 | 56.3 | 56.4 | 56.6 | 56.5 | 56.8 | 56.8 | 56.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 58.2 | 58.4 | 58.5 | 58.6 | 58.8 | 59.2 | 59.5 | 59.7 | 60.2 | 60.6 | 60.9 | 61.3 | 61.5 | 62.0 |
| 3 | 66.0 | 66.3 | 66.3 | 66.4 | 66.7 | 67.0 | 67.3 | 67.5 | 67.5 | 67.6 | 67.8 | 67.9 | 67.8 | 67.7 |
| 4 | 67.6 | 67.4 | 67.5 | 67.3 | 67.4 | 67.3 | 67.1 | 66.9 | 66.6 | 66.5 | 66.1 | 65.9 | 65.6 | 65.3 |
| 5 | 63.7 | 63.6 | 63.4 | 63.3 | 63.1 | 63.0 | 62.9 | 63.0 | 62.7 | 62.2 | 62.0 | 62.1 | 61.9 | 62.0 |
| 6 | 61.9 | 61.7 | 61.7 | 61.6 | 61.7 | 61.5 | 61.3 | 61.2 | 61.0 | 60.9 | 60.6 | 60.2 | 60.2 | 60.2 |
| 7 | 58.6 | 58.6 | 58.4 | 58.5 | 58.5 | 58.4 | 58.2 | 58.4 | 58.3 | 58.0 | 58.0 | 57.9 | 57.9 | 57.9 |
| 8 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 58.0 | 58.0 | 57.9 | 58.0 | 57.9 | 58.2 | 58.2 | 58.4 | 58.2 |
| 9 | 60.0 | 60.1 | 60.1 | 60.3 | 60.5 | 60.6 | 60.8 | 60.9 | 61.0 | 61.1 | 60.9 | 61.0 | 60.9 | 61.0 |
| 10 | 61.9 | 62.0 | 61.9 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.1 | 61.9 | 61.8 | 61.7 | 61.7 | 61.7 |
| 11 | 61.3 | 61.2 | 61.1 | 60.9 | 60.8 | 60.8 | 60.9 | 61.1 | 61.0 | 61.1 | 60.9 | 61.2 | 60.8 | 60.9 |
| 12 | 61.7 | 61.5 | 61.4 | 61.4 | 61.2 | 61.1 | 61.2 | 60.8 | 60.8 | 60.6 | 60.5 | 60.1 | 59.3 | 59.1 |
| 13 | 56.6 | 56.5 | 56.3 | 55.7 | 55.2 | 55.2 | 54.9 | 54.8 | 54.5 | 54.1 | 53.7 | 53.6 | 53.3 | 53.5 |
| 14 | 52.7 | 52.7 | 52.6 | 52.6 | 52.6 | 52.8 | 52.9 | 53.1 | 53.2 | 53.4 | 53.4 | 53.5 | 53.5 | 53.8 |
| 15 | 54.9 | 55.0 | 55.3 | 55.1 | 55.1 | 55.3 | 55.5 | 55.7 | 55.8 | 55.7 | 55.6 | 55.8 | 55.8 | 55.9 |
| 16 | 56.9 | 57.0 | 57.1 | 56.9 | 57.0 | 57.2 | 56.9 | 56.9 | 56.9 | 56.7 | 56.5 | 56.4 | 56.2 | 55.9 |
| 17 | 49.7 | 48.3 | 47.1 | 46.4 | 45.5 | 44.8 | 44.5 | 44.2 | 43.8 | 43.3 | 42.9 | 42.6 | 41.5 | 41.2 |
| 18 | 46.0 | 45.8 | 45.4 | 44.8 | 44.0 | 43.5 | 43.3 | 43.0 | 43.3 | 43.1 | 43.1 | 43.2 | 43.3 | 43.4 |
| 19 | 44.7 | 44.8 | 44.7 | 44.8 | 44.6 | 44.7 | 44.7 | 44.8 | 45.1 | 45.1 | 45.2 | 45.2 | 45.4 | 45.6 |
| 20 | 48.3 | 48.3 | 48.7 | 48.7 | 48.9 | 49.1 | 49.3 | 49.4 | 49.6 | 49.9 | 50.0 | 50.2 | 50.3 | 50.5 |
| 21 | 51.5 | 51.5 | 51.8 | 51.8 | 51.9 | 51.8 | 51.8 | 51.7 | 51.6 | 51.6 | 51.4 | 51.3 | 50.8 | 50.6 |
| 22 | 48.4 | 47.2 | 46.6 | 46.2 | 45.7 | 45.1 | 44.9 | 44.7 | 44.6 | 44.6 | 44.7 | 44.9 | 45.2 | 45.6 |
| 23 | 49.3 | 49.4 | 49.6 | 49.9 | 49.7 | 49.9 | 50.0 | 50.3 | 50.5 | 51.1 | 50.9 | 51.4 | 51.6 | 51.9 |
| 24 | 55.0 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | **55.7** | 56.0 | 56.0 |
| 25 | 57.5 | 57.5 | 57.5 | 57.6 | 57.5 | 57.6 | 57.5 | 57.5 | 57.6 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 |
| 26 | 58.6 | 58.9 | 58.9 | 59.1 | 58.8 | 58.8 | 58.9 | 59.0 | 59.2 | 59.5 | 59.3 | 59.7 | **59.6** | 60.0 |
| 27 | 59.4 | 59.6 | 59.7 | 59.4 | 59.4 | 59.3 | 59.3 | 59.2 | 58.9 | 59.0 | 59.0 | 58.9 | 58.8 | 58.8 |
| 28 | 58.7 | 58.7 | 58.4 | 58.5 | 58.6 | 58.6 | 58.4 | 58.0 | 58.2 | 58.0 | 58.1 | 58.2 | 57.9 | 57.9 |
| 29 | 58.0 | 58.0 | 57.8 | 57.9 | 57.8 | 57.7 | 57.7 | 57.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.7 | 57.5 |
| 30 | 57.3 | 57.4 | 57.2 | 57.1 | 57.3 | 56.9 | 56.8 | 56.8 | 56.5 | 56.5 | 56.4 | 56.4 | 56.1 | 56.2 |
| 31 | 55.7 | 55.6 | 55.7 | 55.5 | 55.7 | 55.7 | 55.8 | 55.8 | 55.9 | 56.1 | 56.2 | 56.2 | 56.1 | 56.4 |
| Среднее Mittel | 56.52 | 56.46 | 56.40 | 56.34 | 56.28 | 56.27 | 56.23 | 56.23 | 56.25 | 56.23 | **56.16** | 56.20 | **56.11** | 56.16 |

Schwerecorrection bei 756 = + 2.12

## August 1883.

| 57.0 | 57.2 | 57.3 | 57.7 | 58.4 | 58 2 | 58.3 | 58.1 | 58.3 | 58.3 | 56.80 | 58.4 | 54.9 | 3.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62.6 | 63.0 | 63.6 | 63.9 | 64.6 | 64.9 | 64.9 | 65.3 | 65.5 | 65.9 | 61.73 | 65.9 | 58.2 | 7.7 |
| 67.9 | 68.0 | 68.2 | 68.2 | 68.4 | 68.3 | 68.1 | 68.0 | 67.8 | 67.6 | **67.51** | **68.4** | 66.0 | 2.4 |
| **64.9** | 64.7 | 64.6 | 64.4 | 64.6 | 64.6 | 64.4 | 64.3 | 64.3 | 64.2 | 65.81 | 67.6 | 64.2 | 3.4 |
| 62.0 | 61.9 | 62.1 | 62.0 | 62.1 | 62 4 | 62.3 | 62.4 | 62.0 | 62.0 | 62.50 | 63.7 | 61.9 | 1.8 |
| 59.9 | 59.8 | 59.7 | 59.6 | 59.6 | 59.6 | 59.4 | 59.1 | 59.0 | 58.9 | 60.43 | 61.9 | 58.9 | 3.0 |
| 57.5 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.5 | 57.6 | 57.4 | 57.5 | 57.97 | 58.6 | 57.4 | 1.2 |
| 58.4 | 58.5 | 58.7 | 58.8 | 59.0 | 59.4 | 59.4 | 59.7 | 59.7 | 59.7 | 58.42 | 59.7 | 57.5 | 2.2 |
| 61.1 | 61.2 | 61.3 | 61.5 | 61.9 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.06 | 61.9 | 60.0 | 1.9 |
| 61.4 | 61.5 | 61.4 | 61.2 | 61.5 | 61.6 | 61.4 | 61.3 | 61.2 | 61.1 | 61.71 | 62.2 | 61.1 | 1.1 |
| 61.0 | 61.2 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.1 | 61.2 | 61.2 | 61.2 | 61.07 | 61.3 | 60.8 | 0.5 |
| 59.1 | 58.7 | 58.8 | 58.8 | 58.8 | 58.3 | 57.8 | 57.6 | 57.4 | 56.7 | 59.70 | 61.7 | 56.7 | 5.0 |
| 53.4 | 53.3 | 53.0 | 53.4 | 53.1 | 53.1 | 52.9 | 53.0 | 52.9 | 52.7 | 54.11 | 56.6 | 52.7 | 3.9 |
| 54.0 | 54.2 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 54.9 | 54.9 | 55.0 | 53.74 | 55.0 | 52.6 | 2.4 |
| 55.9 | 55.9 | 56.2 | 56.2 | 56.7 | 56.8 | 56.7 | 56.7 | 56.7 | 56.7 | 55.88 | 56.8 | 54.9 | 1.9 |
| 55.6 | 55.3 | 55.3 | 55.0 | 54.6 | 53.9 | 53.1 | 52.5 | 51.6 | 50.6 | 55.50 | 57.2 | 50.6 | 6.6 |
| 43.1 | 44.6 | 45.8 | 46.6 | 47.4 | 47.4 | 47.4 | 47.4 | 47.0 | 46.7 | 45.38 | 49.7 | **41.2** | 8.5 |
| 43.5 | 44.0 | 44.1 | 44.4 | 44.5 | 44.9 | 44.9 | 45.0 | 44.9 | 44.9 | **44.18** | 46.0 | 43.0 | 3.0 |
| 45.8 | 46.1 | 46.4 | 46.8 | 47.1 | 47.3 | 47.4 | 47.6 | 47.8 | 48.0 | 45.82 | 48.0 | 44.6 | 3.4 |
| 50.5 | 50.9 | 50.6 | 50.9 | 51.1 | 51.4 | 51.5 | 51.6 | 51.7 | 51.6 | 50.13 | 51.7 | 48.3 | 3.4 |
| 50.7 | 50.5 | 50.4 | 50.3 | 50.1 | 49.9 | 49.4 | 49.2 | 48.6 | 48.3 | 50.77 | 51.9 | 48.3 | 3.6 |
| 46.1 | 46.5 | 46.9 | 47.3 | 47.9 | 48.2 | 48.4 | 48.7 | 49.0 | 49.0 | 46.50 | 49.0 | 44.6 | 4.4 |
| 52.4 | 52.8 | 53.2 | 53.4 | 54.1 | 54.8 | 54.5 | 54.6 | 55.0 | 54.9 | 51.86 | 55.0 | 49.3 | 5.7 |
| 56.2 | 56.4 | 56.8 | 57.0 | 57.1 | 57.4 | 57.1 | 57.5 | 57.6 | 57.6 | 56.10 | 57.6 | 54.9 | 2.7 |
| 57.6 | 57.8 | 57.9 | 58.1 | 59.4 | 58.4 | 58.4 | 58.5 | 58.3 | 58.3 | 57.82 | 59.4 | 57.4 | 2.0 |
| 59.8 | 59.9 | 60.1 | 60.0 | 60.2 | 60.2 | 59.9 | 60.0 | 59.9 | 59.8 | 59.50 | 60.2 | 58.6 | 1.6 |
| 58.8 | 58.8 | 58.9 | 59.2 | 59.3 | 58.8 | 58.7 | 58.8 | 59.1 | 59.1 | 59.09 | 59.7 | 58.7 | 1.0 |
| 57.9 | 57.9 | 58.3 | 58.3 | 58.0 | 57.9 | 57.9 | 58.1 | 58.0 | 57.7 | 58.18 | 58.7 | 57.7 | 1.0 |
| 57.3 | 57.4 | 57.3 | 57.5 | 57.7 | 57.5 | 57.3 | 57.4 | 57.5 | 57.5 | 57.58 | 58.0 | 57.3 | 0.7 |
| 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 55.8 | 55.7 | 55.7 | 55.6 | 56.43 | 57.4 | 55.6 | 1.8 |
| 56.5 | 56.6 | 56.9 | 57.2 | 57.3 | 57.6 | 57.7 | 58.0 | 58.1 | 58.4 | 56.53 | 58.4 | 55.5 | 2.9 |
| 56.26 | 56.40 | 56.55 | 56.69 | **56.91** | 56.90 | 56.79 | 56.83 | 56.77 | 56.69 | 56.45 | 57.99 | 54.95 | 3.04 |

# САГАСТЫРЪ.

# ТЕМПЕРАТУРА ВОЗДУХА.

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# SSAGASTYR.

# TEMPERATUR DER LUFT.

## Температура воздуха.

Высота термометра надъ землею / Höhe des Thermometers über dem Boden } 2.4м

Среднее мѣстное время. / Mittlere Ortszeit.

## Temperatur der Luft.

### Сентябрь 1882. — September 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 1.5 | + 1.3 | + 1.2 | + 1.5 | + 1.4 | + 1.5 | + 1.4 | + 1.6 | + 2.1 | + 2.9 | + 2.4 | + 4.4 | + 4.2 | + 5.1 | + 5.2 | + 5.3 | + 5.5 | + 5.2 | + 5.3 | + 5.3 | + 5.4 | + 5.6 | + 6.0 | + 6.2 | + 3.65 | + 6.2 | + 1.2 | 4.0 |
| 2 | + 6.2 | + 6.3 | + 6.7 | + 6.7 | + 6.4 | + 6.3 | + 5.5 | + 5.3 | + 5.3 | + 6.4 | + 7.6 | + 8.0 | + 8.8 | + 8.7 | + 8.3 | + 9.2 | + 9.0 | + 8.3 | + 7.0 | + 6.2 | + 5.8 | + 5.3 | + 5.0 | + 4.4 | + 6.78 | + 9.2 | + 4.4 | 4.8 |
| 3 | + 3.4 | + 2.8 | + 2.7 | + 3.5 | + 2.9 | + 3.6 | + 3.7 | + 4.0 | + 4.3 | + 5.0 | + 5.4 | + 5.8 | + 5.8 | + 6.0 | + 6.0 | + 5.9 | + 5.9 | + 5.4 | + 5.3 | + 5.0 | + 4.4 | + 4.1 | + 3.9 | + 4.1 | + 4.61 | + 6.0 | + 2.7 | 3.3 |
| 4 | + 3.2 | + 2.5 | + 2.0 | + 1.8 | + 1.1 | + 1.9 | + 3.3 | + 3.3 | + 3.4 | + 3.1 | + 3.6 | + 4.2 | + 4.5 | + 5.6 | + 5.2 | + 5.2 | + 5.1 | + 5.0 | + 4.8 | + 5.2 | + 5.0 | + 4.6 | + 3.95 | + 5.6 | + 1.1 | 4.5 |
| 5 | + 4.4 | + 4.4 | + 4.5 | + 4.7 | + 4.6 | + 4.5 | + 4.6 | + 4.9 | + 5.0 | + 5.0 | + 5.1 | + 5.4 | + 5.6 | + 6.1 | + 5.6 | + 6.4 | + 5.9 | + 5.2 | + 4.6 | + 4.5 | + 4.6 | + 4.3 | + 3.7 | + 4.0 | + 4.90 | + 6.4 | + 3.7 | 2.7 |
| 6 | + 4.0 | + 3.8 | + 4.1 | + 4.0 | + 3.9 | + 3.7 | + 4.1 | + 4.3 | + 4.5 | + 4.8 | + 5.1 | + 5.2 | + 5.0 | + 4.0 | + 3.5 | + 3.4 | + 3.4 | + 2.8 | + 2.6 | + 2.8 | + 2.0 | + 1.2 | + 1.4 | + 1.8 | + 3.56 | + 5.2 | + 1.2 | 4.0 |
| 7 | + 1.4 | + 1.8 | + 1.8 | + 1.7 | + 1.8 | + 2.0 | + 1.7 | + 1.4 | + 2.1 | + 2.8 | + 2.3 | + 2.7 | + 2.6 | + 3.0 | + 1.9 | + 1.8 | + 2.7 | + 2.4 | + 1.7 | + 1.8 | + 2.0 | + 2.2 | + 1.9 | + 1.6 | + 2.05 | + 3.0 | + 1.4 | 1.6 |
| 8 | + 1.9 | + 1.4 | + 1.4 | + 1.1 | + 1.1 | + 1.0 | + 1.3 | + 1.4 | + 1.8 | + 2.4 | + 2.7 | + 3.1 | + 3.0 | + 3.2 | + 2.6 | + 3.0 | + 2.1 | + 1.7 | + 1.2 | + 0.8 | + 1.3 | + 1.6 | + 1.6 | + 1.5 | + 1.83 | + 3.1 | + 1.0 | 2.1 |
| 9 | + 1.0 | + 1.0 | + 0.7 | + 0.5 | + 0.9 | + 0.8 | + 1.0 | + 1.3 | + 1.8 | + 2.3 | + 2.1 | + 2.0 | + 1.8 | + 2.0 | + 2.2 | + 2.2 | + 2.3 | + 2.3 | + 1.6 | + 1.5 | + 1.4 | + 1.0 | + 1.59 | + 2.3 | + 0.5 | 1.8 |
| 10 | + 0.7 | + 1.0 | + 1.0 | + 1.3 | + 1.8 | + 2.2 | + 2.0 | + 2.2 | + 2.6 | + 2.4 | + 2.9 | + 2.9 | + 2.8 | + 2.0 | + 2.2 | + 2.2 | + 2.2 | + 2.0 | + 1.8 | + 1.5 | + 1.4 | + 0.6 | + 0.7 | + 0.6 | + 1.79 | + 2.9 | + 0.6 | 2.3 |
| 11 | + 1.3 | + 1.1 | + 1.0 | + 0.8 | + 0.6 | + 0.8 | + 0.8 | + 1.2 | + 1.6 | + 2.0 | + 3.0 | + 2.5 | + 3.4 | + 3.6 | + 3.8 | + 3.6 | + 3.7 | + 3.2 | + 2.9 | + 2.5 | + 2.5 | + 2.1 | + 1.6 | + 1.7 | + 2.11 | + 3.8 | + 0.6 | 3.2 |
| 12 | + 1.3 | + 1.3 | + 1.6 | + 2.0 | + 2.5 | + 3.1 | + 3.6 | + 3.7 | + 3.8 | + 4.3 | + 4.6 | + 4.5 | + 4.4 | + 4.2 | + 4.4 | + 4.7 | + 4.7 | + 4.6 | + 4.0 | + 3.9 | + 3.2 | + 2.9 | + 3.0 | + 3.5 | + 3.49 | + 4.7 | + 1.3 | 3.4 |
| 13 | + 3.9 | + 4.3 | + 4.8 | + 4.2 | + 3.4 | + 4.2 | + 5.6 | + 5.6 | + 6.8 | + 7.2 | + 8.7 | + 9.5 | +10.4 | +11.0 | +10.5 | + 9.6 | + 9.2 | + 9.1 | + 9.3 | + 8.5 | + 8.0 | + 7.4 | + 6.6 | + 5.8 | + 7.25 | +11.0 | + 3.4 | 7.6 |
| 14 | + 5.2 | + 5.7 | + 4.6 | + 4.0 | + 3.4 | + 3.6 | + 3.0 | + 2.8 | + 2.4 | + 3.8 | + 2.9 | + 3.2 | + 3.0 | + 3.2 | + 3.2 | + 3.8 | + 3.2 | + 2.1 | + 1.9 | + 1.8 | + 1.7 | + 1.2 | + 1.5 | + 1.3 | + 2.95 | + 5.7 | + 1.3 | 4.5 |
| 15 | + 0.8 | + 1.0 | + 0.9 | + 0.9 | + 0.8 | + 0.8 | + 0.9 | + 1.1 | + 1.3 | + 1.4 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.4 | + 1.4 | + 1.1 | + 0.8 | + 1.1 | + 1.2 | + 0.6 | + 0.4 | + 0.7 | + 1.0 | + 1.08 | + 1.6 | + 0.4 | 1.2 |
| 16 | + 1.2 | + 1.4 | + 1.5 | + 1.3 | + 1.6 | + 1.0 | + 1.3 | + 1.4 | + 2.3 | + 3.0 | + 2.9 | + 3.2 | + 3.5 | + 4.2 | + 3.7 | + 3.9 | + 3.3 | + 3.0 | + 3.0 | + 3.0 | + 3.0 | + 2.6 | + 2.2 | + 1.8 | + 2.47 | + 4.2 | + 1.0 | 3.2 |
| 17 | + 1.6 | + 1.4 | + 1.2 | + 1.4 | + 1.4 | + 1.4 | + 1.6 | + 1.6 | + 1.4 | + 1.5 | + 2.8 | + 3.2 | + 3.3 | + 3.4 | + 3.4 | + 3.9 | + 4.0 | + 3.6 | + 3.1 | + 2.5 | + 2.2 | + 1.6 | + 1.5 | + 1.1 | + 2.25 | + 4.0 | + 1.1 | 2.9 |
| 18 | + 1.1 | + 1.2 | + 1.1 | + 1.0 | + 1.0 | + 0.8 | + 1.0 | + 1.7 | + 1.4 | + 1.6 | + 1.9 | + 1.6 | + 0.6 | + 0.5 | − 0.3 | − 0.9 | − 1.4 | − 1.2 | − 1.0 | − 0.8 | − 0.8 | − 1.0 | − 2.0 | + 0.25 | + 1.9 | − 2.0 | 3.9 |
| 19 | − 2.4 | − 3.0 | − 3.2 | − 3.1 | − 3.2 | − 2.9 | − 3.0 | − 3.0 | − 2.2 | − 2.0 | − 2.0 | − 2.2 | − 1.7 | − 1.8 | − 1.4 | − 1.4 | − 1.4 | − 2.0 | − 2.0 | − 2.2 | − 2.4 | − 2.2 | − 2.0 | − 2.0 | − 2.29 | − 1.4 | − 3.2 | 1.8 |
| 20 | − 1.9 | − 2.2 | − 1.8 | − 1.6 | − 0.8 | − 0.7 | + 0.1 | + 0.6 | + 1.3 | + 1.5 | + 1.4 | + 1.5 | + 1.0 | + 1.3 | + 1.4 | + 1.4 | + 1.4 | + 1.2 | + 0.7 | + 1.2 | + 1.5 | + 1.0 | + 0.7 | + 0.47 | + 1.5 | − 2.2 | 3.7 |
| 21 | + 0.8 | + 0.4 | 0.0 | − 0.7 | − 2.8 | − 3.3 | − 4.4 | − 4.2 | − 4.0 | − 3.7 | − 3.7 | − 3.5 | − 4.0 | − 3.8 | − 3.6 | − 3.6 | − 3.4 | − 3.2 | − 3.1 | − 2.5 | − 2.5 | − 2.8 | − 2.8 | − 3.2 | − 2.82 | + 0.8 | − 4.4 | 5.2 |
| 22 | − 3.0 | − 3.4 | − 4.0 | − 4.1 | − 4.5 | − 4.3 | − 3.8 | − 3.2 | − 3.0 | − 4.0 | − 3.4 | − 4.3 | − 3.9 | − 3.3 | − 2.8 | − 2.8 | − 2.9 | − 3.3 | − 3.6 | − 2.4 | − 3.4 | − 3.0 | − 2.7 | − 3.6 | − 3.45 | − 2.4 | − 4.5 | 2.1 |
| 23 | − 2.4 | − 2.8 | − 3.8 | − 4.0 | − 4.5 | − 5.2 | − 5.9 | − 6.3 | − 5.2 | − 4.8 | − 4.8 | − 4.6 | − 4.8 | − 4.8 | − 4.6 | − 5.0 | − 4.8 | − 5.0 | − 5.0 | − 4.8 | − 4.7 | − 5.2 | − 6.3 | − 6.6 | − 4.84 | − 2.4 | − 6.6 | 4.2 |
| 24 | − 6.9 | − 8.3 | − 9.3 | − 9.3 | − 8.3 | − 8.5 | − 8.9 | − 9.1 | − 8.6 | − 7.4 | − 6.7 | − 5.7 | − 5.4 | − 5.8 | − 6.9 | − 7.9 | − 8.2 | − 7.3 | − 6.6 | − 6.6 | − 5.5 | − 5.3 | − 5.0 | − 4.8 | − 4.3 | − 7.08 | − 4.3 | − 9.3 | 5.0 |
| 25 | − 4.1 | − 3.7 | − 3.4 | − 3.3 | − 3.4 | − 3.3 | − 3.2 | − 3.2 | − 3.0 | − 2.9 | − 2.7 | − 2.8 | − 2.9 | − 2.4 | − 2.5 | − 2.6 | − 2.5 | − 2.5 | − 2.5 | − 2.5 | − 2.4 | − 2.4 | − 2.5 | − 2.5 | − 2.58 | − 2.4 | − 4.1 | 1.7 |
| 26 | − 2.4 | − 2.2 | − 2.2 | − 2.3 | − 2.2 | − 2.2 | − 2.4 | − 2.8 | − 2.8 | − 2.8 | − 2.4 | − 3.2 | − 2.4 | − 2.3 | − 2.3 | − 2.0 | − 1.7 | − 1.8 | − 1.8 | − 2.8 | − 1.6 | − 1.5 | − 1.8 | − 1.2 | − 2.13 | − 1.2 | − 2.8 | 1.6 |
| 27 | − 1.2 | − 0.8 | − 0.6 | − 0.6 | − 1.0 | − 0.2 | − 0.8 | − 2.4 | − 2.6 | − 3.4 | − 4.8 | − 5.3 | − 5.9 | − 6.0 | − 6.0 | − 6.4 | − 6.4 | − 6.2 | − 6.3 | − 6.6 | − 6.6 | − 6.7 | − 6.6 | − 6.8 | − 4.16 | − 0.2 | − 6.8 | 6.6 |
| 28 | − 6.6 | − 6.4 | − 6.2 | − 6.6 | − 7.4 | − 7.6 | − 7.8 | − 7.0 | − 7.0 | − 6.8 | − 6.2 | − 6.2 | − 5.9 | − 5.8 | − 6.3 | − 7.0 | − 6.6 | − 6.2 | − 6.8 | − 7.6 | − 7.8 | − 7.9 | − 7.4 | − 7.1 | − 6.88 | − 5.8 | − 7.9 | 2.1 |
| 29 | − 6.5 | − 7.6 | − 8.6 | − 8.6 | − 8.6 | − 8.4 | − 9.1 | − 9.3 | − 9.0 | − 8.7 | − 8.5 | − 8.6 | − 8.5 | − 8.1 | − 8.1 | − 8.2 | − 8.4 | − 8.1 | − 8.0 | − 8.2 | − 9.2 | − 9.5 | − 10.0 | − 9.9 | − 11.3 | − 11.3 | **− 9.98** | − 7.8 | **−12.3** | 4.5 |
| 30 | −11.5 | −12.0 | −12.1 | −12.1 | −11.6 | −12.3 | −11.5 | −10.9 | − 9.3 | − 9.0 | − 8.7 | − 8.3 | − 8.5 | − 8.3 | | | | | | | | | | | | | | |
| Среднее Mittel | − 0.13 | − 0.28 | − 0.41 | − 0.46 | **− 0.59** | − 0.52 | − 0.48 | − 0.40 | − 0.05 | + 0.23 | + 0.50 | + 0.69 | + 0.71 | + 0.81 | + 0.72 | + 0.67 | + 0.63 | + 0.41 | + 0.23 | + 0.10 | − 0.03 | − 0.20 | − 0.34 | − 0.48 | + 0.06 | + 1.82 | − 1.66 | 3.48 |

### Октябрь 1882. — October 1882.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −12.1 | −12.5 | −12.6 | −13.1 | −12.6 | −12.7 | −12.4 | −11.5 | −10.8 | −10.3 | − 9.4 | − 8.9 | − 8.2 | − 8.0 | − 7.8 | − 7.5 | − 7.6 | − 7.4 | − 7.0 | − 6.6 | − 5.8 | − 5.4 | − 5.1 | − 4.8 | − 9.17 | − 4.8 | −13.1 | 8.3 |
| 2 | − 4.7 | − 4.6 | − 4.4 | − 4.4 | − 4.6 | − 4.6 | − 4.6 | − 4.8 | − 5.4 | − 5.6 | − 5.2 | − 5.0 | − 4.9 | − 5.0 | − 5.0 | − 5.1 | − 5.4 | − 6.7 | − 6.3 | − 6.1 | − 5.8 | − 5.4 | − 5.1 | − 4.0 | − 5.11 | − 4.0 | − 6.7 | 2.7 |
| 3 | − 3.6 | − 3.7 | − 4.0 | − 3.8 | − 3.7 | − 3.8 | − 3.8 | − 3.6 | − 3.4 | − 3.0 | − 2.8 | − 2.7 | − 2.5 | − 3.0 | − 2.8 | − 3.5 | − 4.8 | − 5.6 | − 5.6 | − 5.6 | − 5.4 | − 4.8 | − 4.9 | − 4.5 | − 4.3 | **− 3.90** | **− 2.5** | − 5.6 | 3.1 |
| 4 | − 4.6 | − 4.4 | − 4.5 | − 4.6 | − 4.6 | − 4.5 | − 5.0 | − 5.2 | − 5.5 | − 5.4 | − 5.5 | − 5.3 | − 5.2 | − 5.4 | − 5.3 | − 5.3 | − 5.3 | − 5.9 | − 6.3 | − 6.8 | − 6.9 | − 6.5 | − 6.8 | − 6.9 | − 5.50 | − 4.4 | − 6.9 | 2.5 |
| 5 | − 6.6 | − 6.7 | − 6.8 | − 7.0 | − 6.9 | − 6.4 | − 6.1 | − 6.8 | − 5.2 | − 4.6 | − 4.9 | − 5.4 | − 5.8 | − 6.6 | − 7.0 | − 7.2 | − 7.6 | − 7.7 | − 8.4 | − 8.5 | − 8.3 | − 8.6 | − 9.1 | − 9.4 | − 6.98 | − 4.6 | − 9.4 | 4.8 |
| 6 | −10.3 | −10.8 | −10.1 | − 9.7 | − 9.5 | − 9.3 | − 8.9 | − 8.8 | − 8.8 | − 8.5 | − 8.5 | − 8.3 | − 8.0 | − 7.8 | − 7.7 | − 7.5 | − 8.0 | − 8.4 | − 8.5 | − 8.0 | − 9.4 | −10.0 | −10.1 | −10.5 | − 8.19 | − 7.2 | −10.5 | 3.3 |
| 7 | − 7.3 | − 7.4 | − 7.9 | − 8.0 | − 7.6 | − 7.8 | − 7.8 | − 8.0 | − 8.3 | − 7.5 | − 7.7 | − 7.8 | − 8.2 | − 8.5 | − 8.3 | − 8.9 | − 8.9 | − 8.7 | − 8.5 | − 8.0 | − 7.7 | − 7.8 | − 9.0 | −11.2 | − 9.25 | − 7.4 | −11.2 | 3.8 |
| 8 | −10.5 | −10.5 | − 9.5 | − 9.7 | −10.5 | −11.0 | −10.8 | −11.0 | −10.5 | − 9.3 | − 8.6 | − 8.2 | − 7.6 | − 7.4 | − 8.6 | − 9.3 | − 9.0 | − 9.1 | − 9.1 | − 9.2 | − 8.9 | − 8.7 | − 8.8 | − 8.93 | − 7.8 | −10.6 | 2.8 |
| 9 | − 9.6 | − 8.0 | − 8.3 | − 9.5 | −10.6 | −10.6 | − 9.4 | − 9.4 | − 8.6 | − 8.6 | − 8.3 | − 8.0 | − 7.8 | − 8.3 | − 8.3 | − 8.0 | − 8.0 | − 8.5 | − 8.5 | − 8.7 | − 8.9 | −10.5 | −10.5 | −10.9 | − 8.47 | − 7.2 | −10.9 | 3.7 |
| 10 | − 7.2 | − 8.6 | − 7.8 | − 7.6 | − 7.6 | − 9.0 | − 8.6 | − 7.8 | − 8.2 | − 8.3 | − 7.8 | − 8.0 | − 8.0 | − 8.0 | − 8.8 | − 9.0 | − 9.0 | − 8.9 | − 8.9 | − 8.8 | − 8.9 | − 9.1 | − 9.5 | − 9.7 | − 9.00 | − 8.3 | −10.5 | 2.2 |
| 11 | −10.3 | −10.5 | −10.4 | − 9.7 | − 8.6 | − 8.4 | − 8.3 | − 8.3 | − 8.5 | − 8.4 | − 8.3 | − 8.4 | − 8.6 | − 8.7 | − 7.7 | − 8.2 | − 8.4 | − 8.6 | − 9.0 | − 9.0 | − 9.1 | − 9.3 | − 9.3 | − 9.3 | − 9.18 | − 7.6 | −12.2 | 4.6 |
| 12 | −12.2 | −12.1 | −11.7 | −11.7 | − 9.7 | − 9.9 | − 8.3 | − 8.7 | − 8.5 | − 8.3 | − 8.2 | − 8.0 | − 7.6 | − 7.6 | −12.9 | −15.5 | −15.9 | −13.8 | −11.3 | −10.2 | − 9.7 | − 9.4 | −10.3 | −12.9 | −10.90 | − 9.1 | −15.9 | 6.8 |
| 13 | − 9.7 | − 9.7 | − 9.7 | − 9.9 | − 9.8 | − 9.9 | −10.5 | −10.2 | −10.1 | − 9.4 | − 9.9 | − 9.6 | − 9.1 | −12.1 | −14.7 | −15.2 | −15.1 | −15.2 | −15.1 | −15.0 | −15.5 | −18.0 | −19.0 | −17.8 | −16.00 | −14.5 | −19.7 | 5.2 |
| 14 | −15.5 | −16.3 | −19.7 | −16.3 | −14.5 | −14.9 | −14.7 | −14.6 | −15.0 | −15.1 | −15.7 | −16.7 | −19.7 | −14.6 | −12.5 | −12.8 | −13.3 | −13.8 | −14.1 | −14.4 | −14.7 | −14.4 | −14.1 | −14.0 | −14.21 | −12.1 | −16.8 | 4.7 |
| 15 | −16.8 | −15.7 | −16.0 | −15.7 | −15.5 | −15.4 | −15.0 | −14.8 | −14.4 | −13.8 | −12.9 | −12.4 | −12.1 | −12.4 | −11.3 | −11.7 | −11.5 | −11.4 | −11.0 | −10.9 | −10.9 | −11.1 | −11.1 | −11.1 | −12.19 | −10.9 | −13.6 | 2.7 |
| 16 | −13.6 | −13.5 | −13.3 | −13.3 | −13.3 | −13.3 | −13.2 | −13.1 | −13.1 | −12.9 | −12.6 | −12.1 | −11.6 | −11.6 | −10.5 | −10.4 | −10.8 | −12.2 | −13.7 | −15.2 | −16.1 | −15.9 | −16.2 | −17.0 | −12.53 | −10.1 | −17.0 | 6.9 |
| 17 | −11.1 | −11.5 | −11.5 | −11.7 | −12.1 | −12.0 | −12.5 | −13.1 | −12.4 | −11.3 | −11.5 | −10.8 | −11.4 | −10.4 | −20.1 | −19.5 | −19.5 | −18.7 | −17.6 | −16.2 | −15.0 | −14.3 | −14.5 | −15.6 | −19.03 | −14.3 | −21.6 | 7.3 |
| 18 | −17.9 | −18.1 | −19.3 | −19.7 | −20.5 | −21.0 | −21.2 | −21.4 | −21.4 | −21.6 | −21.0 | −21.2 | −20.7 | −20.6 | −13.2 | −14.5 | −15.6 | −16.3 | −16.9 | −16.8 | −17.2 | −17.5 | −16.7 | −16.3 | −14.27 | −11.5 | −17.5 | 6.0 |
| 19 | −14.1 | −14.7 | −13.9 | −12.6 | −12.3 | −12.6 | −12.9 | −12.5 | −11.9 | −11.5 | −12.1 | −14.1 | −13.1 | −13.1 | −12.6 | −12.8 | −13.3 | −14.3 | −15.4 | −15.6 | −14.8 | −14.1 | −15.5 | −17.7 | −14.13 | −12.4 | −17.7 | 5.3 |
| 20 | −16.1 | −15.3 | −14.0 | −13.4 | −12.5 | −12.8 | −13.5 | −15.9 | −14.9 | −14.0 | −13.3 | −12.6 | −12.4 | −12.4 | −18.7 | −18.1 | −17.9 | −17.5 | −17.3 | −17.3 | −17.7 | −19.4 | −20.5 | −23.1 | −19.34 | −17.3 | −23.1 | 5.8 |
| 21 | −19.5 | −20.1 | −20.9 | −20.0 | −20.5 | −22.9 | −22.9 | −22.3 | −21.7 | −21.9 | −22.0 | −22.5 | −20.4 | −19.1 | −24.3 | −24.7 | −24.9 | −25.3 | −25.9 | −25.8 | −26.0 | −26.1 | −26.3 | −26.7 | −24.35 | −23.1 | −26.7 | 3.6 |
| 22 | −24.7 | −24.6 | −23.1 | −23.7 | −23.6 | −23.9 | −25.3 | −25.3 | −24.9 | −24.6 | −24.5 | −25.0 | −23.6 | −23.6 | −26.1 | −26.1 | −26.3 | −26.4 | −26.2 | −27.7 | −27.1 | −26.9 | −26.1 | −26.5 | −26.40 | −25.2 | −27.7 | 2.5 |
| 23 | −26.8 | −26.7 | −26.6 | −26.5 | −26.3 | −26.8 | −26.6 | −26.6 | −26.2 | −25.9 | −26.4 | −26.1 | −25.6 | −25.3 | −18.7 | −19.2 | −19.2 | −19.2 | −19.7 | −20.8 | −21.3 | −21.1 | −20.5 | −20.0 | −19.89 | −17.3 | −25.7 | 8.4 |
| 24 | −25.6 | −25.7 | −20.1 | −18.1 | −17.3 | −17.3 | −17.4 | −18.1 | −19.6 | −20.8 | −20.0 | −19.1 | −18.9 | −19.7 | −23.9 | −23.7 | −23.4 | −23.7 | −23.8 | −24.3 | −24.9 | −26.0 | −26.9 | −27.4 | −22.50 | −19.3 | −27.4 | 8.1 |
| 25 | −19.3 | −19.3 | −19.9 | −20.1 | −20.3 | −20.4 | −20.7 | −20.7 | −21.8 | −22.1 | −21.2 | −21.9 | −22.0 | −22.9 | −23.7 | −24.3 | −23.9 | −23.6 | −23.7 | −23.8 | −24.3 | −24.6 | −24.7 | −24.9 | −24.53 | −23.1 | −26.4 | 3.3 |
| 26 | −23.6 | −23.1 | −23.4 | −24.3 | −25.9 | −24.7 | −25.5 | −25.3 | −25.9 | −26.4 | −25.4 | −24.9 | −24.7 | −24.0 | −21.8 | −21.0 | −20.7 | −21.4 | −21.7 | −22.1 | −22.5 | −22.9 | −22.8 | −23.3 | −22.77 | −20.7 | −25.1 | 4.4 |
| 27 | −25.0 | −25.1 | −25.1 | −24.9 | −24.3 | −23.9 | −23.6 | −23.5 | −22.8 | −22.4 | −21.9 | −21.4 | −21.4 | −21.5 | −26.5 | −26.5 | −27.1 | −27.5 | −27.5 | −27.6 | −27.2 | −26.6 | −26.5 | −26.1 | −26.15 | −23.7 | −27.6 | 3.9 |
| 28 | −23.7 | −23.9 | −24.6 | −25.2 | −25.6 | −25.7 | −26.3 | −26.3 | −26.7 | −26.7 | −25.8 | −25.9 | −25.9 | −26.3 | −23.9 | −24.7 | −24.1 | −22.7 | −22.3 | −22.9 | −23.3 | −23.9 | −23.9 | −23.6 | −24.65 | −22.3 | −27.8 | 5.5 |
| 29 | −26.4 | −26.5 | −26.4 | −26.8 | −27.5 | −27.8 | −27.2 | −26.3 | −24.8 | −24.2 | −23.3 | −23.3 | −23.1 | −22.7 | −26.5 | −28.9 | −28.8 | −28.9 | −29.2 | −29.1 | −29.6 | −29.2 | −29.2 | −29.5 | **−27.54** | −23.3 | **−29.6** | 6.4 |
| 30 | −23.2 | −23.3 | −25.2 | −25.8 | −25.9 | −26.4 | −26.5 | −26.7 | −27.1 | −27.5 | −28.2 | −28.1 | −27.9 | −28.3 | −24.1 | −23.9 | −24.0 | −24.1 | −24.5 | −24.1 | −24.1 | −24.6 | −24.9 | −24.9 | −25.89 | −23.9 | −29.4 | 5.5 |
| 31 | −29.4 | −29.1 | −29.1 | −28.9 | −28.5 | −27.7 | −27.5 | −26.9 | −26.3 | −26.1 | −25.1 | −24.7 | −24.5 | −24.4 | | | | | | | | | | | | | | |
| Среднее Mittel | −15.52 | −15.55 | −15.48 | −15.35 | −15.25 | −15.40 | −15.39 | −15.40 | −15.25 | −15.03 | −14.77 | −14.72 | −14.53 | −14.48 | −14.58 | −14.85 | −14.97 | −15.09 | −15.18 | −15.22 | −15.27 | −15.46 | −15.61 | **−15.97** | −15.15 | −13.10 | −17.89 | 4.79 |





Библиотека Географического Общества СССР

# Температура воздуха.

Высота термометра надъ землею / Höhe des Thermometers über dem Boden } 2.4m

Среднее мѣстное время. / Mittlere Ortszeit.

# Temperatur der Luft.

## Ноябрь 1882. — November 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Поздень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —25.1 | —25.9 | —26.1 | —26.1 | —26.7 | —27.1 | —27.0 | —27.2 | —27.3 | —27.1 | —26.3 | —26.1 | —26.6 | —26.9 | —27.3 | —27.6 | —27.8 | —28.2 | —28.3 | —28.5 | —28.6 | —28.7 | —28.7 | —29.0 | —27.26 | —25.1 | —29.0 | 3.9 |
| 2 | —28.7 | —28.7 | —27.0 | —26.5 | —28.0 | —28.2 | —28.5 | —28.3 | —28.0 | —27.8 | —28.0 | —27.7 | —28.7 | —29.1 | —29.5 | —29.9 | —30.0 | —30.5 | —30.1 | —30.1 | —30.7 | —30.7 | —30.8 | —31.2 | —29.03 | —26.5 | —31.2 | 4.7 |
| 3 | —31.3 | —31.7 | —31.8 | —32.1 | —32.2 | —32.1 | —32.2 | —31.9 | —32.1 | —32.3 | —32.3 | —32.3 | —32.3 | —32.5 | —32.5 | —32.5 | —32.5 | —32.3 | —32.1 | —32.5 | —32.7 | —32.1 | —32.1 | —32.3 | —32.19 | —31.3 | —32.7 | 1.4 |
| 4 | —32.1 | —32.5 | —32.3 | —32.9 | —33.2 | —32.5 | —32.1 | —31.9 | —32.6 | —32.8 | —32.9 | —32.2 | —32.0 | —31.7 | —32.1 | —32.2 | —32.1 | —31.9 | —32.3 | —32.3 | —32.3 | —31.7 | —31.4 | —31.0 | —32.21 | —31.0 | —33.2 | 2.2 |
| 5 | —30.7 | —30.4 | —30.3 | —29.1 | —27.9 | —27.3 | —27.1 | —26.1 | —25.9 | —26.5 | —27.1 | —27.2 | —27.1 | —26.9 | —26.9 | —27.1 | —27.3 | —27.3 | —27.2 | —27.3 | —27.7 | —28.1 | —28.7 | —28.5 | —27.74 | —25.9 | —30.7 | 4.8 |
| 6 | —28.6 | —27.8 | —26.1 | —26.6 | —26.7 | —26.5 | —26.5 | —26.4 | —26.1 | —26.5 | —26.6 | —26.6 | —25.9 | —25.5 | —25.6 | —25.0 | —24.5 | —24.7 | —24.9 | —26.4 | —26.9 | —26.6 | —26.6 | —26.1 | —26.24 | —24.5 | —28.6 | 4.1 |
| 7 | —25.9 | —26.5 | —27.3 | —27.7 | —28.4 | —28.1 | —26.5 | —27.1 | —27.1 | —28.1 | —28.4 | —28.4 | —29.3 | —30.1 | —30.9 | —31.1 | —31.5 | —31.8 | —29.6 | —29.1 | —29.7 | —30.3 | —30.5 | —30.5 | —28.91 | —25.9 | —31.8 | 5.9 |
| 8 | —30.6 | —29.3 | —27.9 | —27.0 | —26.1 | —24.7 | —25.0 | —24.5 | —24.1 | —23.6 | —22.9 | —22.7 | —22.5 | —22.3 | —21.9 | —21.8 | —21.9 | —22.5 | —23.1 | —24.1 | —24.1 | —25.1 | —25.5 | —25.8 | —24.54 | —21.8 | —30.6 | 8.8 |
| 9 | —26.3 | —26.1 | —26.3 | —25.3 | —23.9 | —23.3 | —21.8 | —20.6 | —20.1 | —19.9 | —20.1 | —20.7 | —21.5 | —21.5 | —22.1 | —22.8 | —23.1 | —23.7 | —25.4 | —26.3 | —27.3 | —27.1 | —28.1 | —28.6 | —23.83 | —19.9 | —28.6 | 8.7 |
| 10 | —24.9 | —24.5 | —26.7 | —26.1 | —26.6 | —26.1 | —25.1 | —25.1 | —25.8 | —25.6 | —25.4 | —26.0 | —26.3 | —27.1 | —26.3 | —25.7 | —25.9 | —26.5 | —27.3 | —27.9 | —28.2 | —28.0 | —28.9 | —29.1 | —26.46 | —24.5 | —29.1 | 4.6 |
| 11 | —28.9 | —28.3 | —26.7 | —28.1 | —28.7 | —29.1 | —28.5 | —27.9 | —26.1 | —25.5 | —25.1 | —25.1 | —26.0 | —27.0 | —27.5 | —26.6 | —24.3 | —22.9 | —22.4 | —21.8 | —21.1 | —20.1 | —21.0 | —21.9 | —25.44 | —20.1 | —29.1 | 9.0 |
| 12 | —24.3 | —25.5 | —24.5 | —25.1 | —25.3 | —26.1 | —26.5 | —25.9 | —23.4 | —23.1 | —23.1 | —23.3 | —23.4 | —23.3 | —22.5 | —20.9 | —19.9 | —19.5 | —19.7 | —19.6 | —19.3 | —19.9 | —18.6 | —18.3 | —22.54 | **—18.3** | —26.5 | 8.2 |
| 13 | —19.8 | —21.1 | —22.7 | —25.9 | —24.1 | —24.1 | —24.6 | —25.3 | —25.8 | —25.8 | —26.0 | —25.8 | —35.1 | —34.0 | —23.7 | —23.3 | —23.2 | —23.5 | —24.1 | —24.4 | —25.1 | —25.1 | —23.6 | —23.2 | —24.03 | —19.3 | —26.0 | 6.7 |
| 14 | —23.1 | —22.9 | —22.7 | —22.7 | —23.0 | —23.3 | —22.6 | —22.1 | —21.2 | —22.0 | —22.3 | —22.3 | —22.5 | —21.9 | —21.1 | —20.5 | —20.3 | —20.5 | —21.1 | —22.3 | —22.7 | —23.6 | —24.7 | —24.7 | **—22.34** | —20.3 | —24.7 | 4.4 |
| 15 | —24.7 | —25.1 | —25.6 | —25.9 | —26.2 | —25.7 | —25.5 | —26.7 | —27.7 | —28.4 | —29.1 | —29.3 | —29.3 | —28.1 | —26.7 | —26.1 | —25.5 | —23.9 | —24.5 | —24.5 | —24.5 | —25.6 | —26.7 | —25.8 | —26.30 | —23.9 | —29.3 | 5.4 |
| 16 | —25.1 | —26.0 | —26.5 | —27.2 | —26.3 | —27.9 | —28.6 | —26.5 | —25.1 | —25.5 | —25.2 | —24.9 | —25.1 | —25.9 | —26.5 | —27.6 | —28.9 | —29.9 | —30.5 | —30.8 | —28.5 | —27.8 | —27.6 | —29.4 | —27.22 | —24.9 | —30.8 | 5.9 |
| 17 | —30.7 | —30.7 | —31.6 | —31.8 | —32.0 | —32.4 | —32.5 | —32.0 | —31.5 | —31.3 | —32.2 | —32.5 | —32.5 | —32.5 | —32.6 | —33.3 | —33.5 | —33.9 | —34.1 | —34.6 | —34.3 | —34.9 | —34.9 | —34.5 | —32.78 | —30.7 | —34.9 | 4.2 |
| 18 | —33.5 | —30.5 | —29.1 | —28.1 | —26.6 | —25.9 | —25.1 | —24.2 | —23.7 | —23.0 | —22.9 | —22.9 | —22.7 | —22.7 | —22.8 | —22.7 | —22.3 | —22.3 | —23.3 | —24.5 | —25.5 | —26.6 | —27.3 | —28.1 | —25.26 | —22.3 | —33.5 | 11.2 |
| 19 | —28.1 | —27.9 | —27.3 | —27.2 | —27.5 | —27.7 | —28.4 | —29.3 | —29.8 | —31.4 | —31.6 | —31.7 | —32.7 | —33.1 | —33.4 | —33.7 | —34.5 | —34.7 | —35.1 | —35.1 | —35.1 | —35.3 | —35.1 | —35.3 | —31.71 | —27.2 | —35.3 | 8.1 |
| 20 | —35.2 | —35.3 | —35.6 | —35.4 | —35.5 | —34.9 | —34.8 | —34.6 | —34.5 | —35.0 | —36.3 | —34.1 | —33.7 | —34.1 | —33.3 | —32.9 | —33.1 | —31.6 | —29.1 | —28.6 | —28.8 | —28.3 | —28.1 | —33.16 | —28.1 | **—36.3** | 8.2 |
| 21 | —29.1 | —29.9 | —29.1 | —29.7 | —29.1 | —28.0 | —26.3 | —25.6 | —27.1 | —26.7 | —26.1 | —27.1 | —26.5 | —28.7 | —26.5 | —25.3 | —24.8 | —25.7 | —27.9 | —28.2 | —26.3 | —27.1 | —27.7 | —26.1 | —27.28 | —24.8 | —29.9 | 5.1 |
| 22 | —26.8 | —27.3 | —27.8 | —27.5 | —27.6 | —28.2 | —27.8 | —29.1 | —29.7 | —28.5 | —28.7 | —29.6 | —29.3 | —28.9 | —28.3 | —29.0 | —27.9 | —28.1 | —28.3 | —28.6 | —28.7 | —30.6 | —30.6 | —30.5 | —28.64 | —26.8 | —30.6 | 3.8 |
| 23 | —30.7 | —30.3 | —31.4 | —32.5 | —32.9 | —32.5 | —32.5 | —32.3 | —32.3 | —32.3 | —31.9 | —31.7 | —30.8 | —30.6 | —31.3 | —31.0 | —30.7 | —31.3 | —31.7 | —31.4 | —32.1 | —32.6 | —32.5 | —32.3 | —31.73 | —30.3 | —32.9 | 2.6 |
| 24 | —32.3 | —32.6 | —33.1 | —33.5 | —33.0 | —32.1 | —31.5 | —31.7 | —32.1 | —31.7 | —31.7 | —32.5 | —32.7 | —32.3 | —32.1 | —31.9 | —32.0 | —32.1 | —31.7 | —31.8 | —31.9 | —31.9 | —32.17 | —31.7 | —32.17 | —31.7 | —33.5 | 1.8 |
| 25 | —31.6 | —31.4 | —31.5 | —31.8 | —32.1 | —32.1 | —32.3 | —32.4 | —32.9 | —33.3 | —33.5 | —33.9 | —33.9 | —33.9 | —33.5 | —34.2 | —34.3 | —34.3 | —35.0 | —35.3 | —35.5 | —35.8 | —35.8 | —35.5 | **—33.58** | —31.4 | —35.8 | 4.4 |
| 26 | —35.5 | —35.5 | —35.1 | —35.1 | —35.4 | —35.2 | —34.1 | —33.6 | —33.3 | —32.8 | —32.3 | —32.5 | —32.7 | —30.9 | —29.6 | —30.9 | —29.5 | —30.5 | —30.4 | —28.4 | —27.9 | —28.0 | —27.7 | —28.3 | —31.47 | —27.7 | —35.5 | 7.8 |
| 27 | —28.7 | —28.3 | —29.8 | —29.1 | —28.1 | —28.3 | —29.1 | —29.1 | —28.9 | —28.3 | —28.3 | —28.6 | —27.9 | —29.7 | —28.7 | —29.8 | —30.3 | —30.0 | —28.3 | —27.7 | —26.5 | —27.3 | —27.7 | —27.5 | —28.58 | —26.5 | —30.3 | 3.8 |
| 28 | —26.9 | —26.9 | —27.0 | —27.1 | —25.9 | —26.3 | —25.7 | —25.6 | —25.2 | —25.0 | —24.2 | —23.7 | —23.1 | —21.9 | —22.2 | —23.5 | —22.1 | —21.1 | —21.4 | —21.8 | —22.5 | —23.4 | —23.9 | —24.2 | —24.19 | —21.1 | —27.1 | 6.0 |
| 29 | —24.4 | —24.3 | —24.0 | —23.8 | —23.6 | —23.3 | —22.9 | —22.7 | —23.4 | —22.8 | —23.3 | —22.9 | —23.4 | —24.4 | —24.3 | —23.9 | —23.3 | —24.1 | —24.0 | —23.9 | —24.3 | —24.7 | —24.8 | —25.1 | —23.80 | —22.3 | —25.1 | 2.8 |
| 30 | —25.1 | —25.1 | —25.1 | —25.0 | —24.7 | —24.5 | —24.6 | —24.9 | —25.4 | —26.0 | —25.9 | —25.7 | —25.6 | —25.7 | —26.0 | —26.3 | —26.1 | —25.7 | —25.9 | —26.8 | —27.6 | —28.0 | —28.4 | —29.0 | —25.96 | —24.5 | —29.0 | 4.5 |
| Среднее Mittel | —28.27 | —28.28 | —28.27 | —28.33 | —28.24 | —28.12 | —27.87 | —27.69 | —27.61 | —27.60 | —27.66 | —27.67 | —27.70 | —27.77 | —27.59 | —27.63 | **—27.44** | —27.55 | —27.71 | —27.83 | —27.87 | —28.18 | —28.34 | **—28.39** | —27.89 | —25.29 | —30.72 | 5.43 |

## Декабрь 1882. — December 1882.

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| 1 | —29.8 | —30.0 | —30.3 | —30.7 | —30.9 | —31.1 | —32.5 | —33.5 | —33.9 | —34.9 | —35.1 | —35.4 | —35.5 | —35.9 | —36.1 | —36.5 | —36.8 | —37.0 | —37.1 | —36.9 | —37.0 | —37.2 | —37.0 | —37.0 | —34.50 | —29.8 | —37.2 | 7.4 |
| 2 | —37.9 | —37.5 | —37.7 | —37.5 | —37.5 | —37.5 | —36.9 | —37.4 | —37.0 | —36.1 | —34.5 | —34.0 | —34.0 | —33.9 | —30.5 | —32.8 | —32.6 | —33.3 | —33.1 | —33.1 | —33.4 | —34.0 | —33.5 | —34.4 | —35.00 | —30.5 | —37.9 | 7.4 |
| 3 | —34.5 | —34.0 | —34.5 | —35.1 | —35.4 | —35.1 | —33.5 | —34.0 | —34.1 | —34.7 | —35.0 | —35.3 | —34.9 | —35.2 | —34.1 | —33.8 | —33.3 | —33.5 | —33.6 | —33.5 | —31.5 | —31.0 | —31.5 | —31.0 | —33.84 | —31.0 | —35.4 | 4.4 |
| 4 | —30.7 | —30.5 | —30.3 | —30.0 | —31.0 | —29.9 | —29.9 | —29.4 | —29.5 | —29.3 | —29.5 | —29.6 | —29.7 | —30.0 | —30.1 | —30.0 | —30.0 | —29.3 | —29.1 | —29.0 | —28.7 | —28.6 | —28.7 | —28.7 | —29.65 | —28.6 | —31.0 | 2.4 |
| 5 | —28.8 | —29.0 | —29.2 | —28.8 | —28.6 | —28.1 | —27.5 | —27.9 | —28.5 | —29.5 | —30.4 | —31.1 | —31.3 | —32.0 | —31.7 | —32.5 | —32.7 | —32.6 | —32.0 | —32.1 | —32.2 | —32.3 | —32.3 | —31.5 | —30.53 | —27.5 | —32.7 | 5.2 |
| 6 | —28.6 | —26.9 | —25.5 | —25.0 | —24.2 | —23.7 | —23.5 | —22.5 | —22.6 | —22.4 | —22.1 | —21.9 | —21.7 | —21.8 | —21.8 | —21.8 | —21.7 | —21.6 | —21.3 | —22.3 | —22.9 | —23.5 | —23.6 | —23.6 | —23.19 | —21.3 | —28.6 | 7.3 |
| 7 | —28.8 | —28.1 | —22.1 | —21.1 | —19.9 | —19.4 | —21.6 | —22.1 | —24.3 | —26.9 | —27.9 | —28.0 | —28.8 | —29.3 | —30.1 | —29.9 | —29.4 | —28.7 | —26.7 | —27.0 | —28.6 | —28.0 | —26.8 | —26.1 | —25.82 | **—19.4** | —30.1 | 10.7 |
| 8 | —25.4 | —25.4 | —25.1 | —26.4 | —26.3 | —26.5 | —26.7 | —25.8 | —26.9 | —28.9 | —29.5 | —29.8 | —30.2 | —29.8 | —29.8 | —29.3 | —28.5 | —28.2 | —26.2 | —25.5 | —25.2 | —25.9 | —25.4 | —23.4 | —27.09 | —23.4 | —30.3 | 6.9 |
| 9 | —22.8 | —22.1 | —21.7 | —22.0 | —22.1 | —22.1 | —22.0 | —21.9 | —21.6 | —21.6 | —21.6 | —21.5 | —22.2 | —22.0 | —21.9 | —21.7 | —21.4 | —21.3 | —21.3 | —21.3 | —21.6 | —21.8 | —22.4 | —22.5 | **—21.85** | —21.3 | —22.8 | 1.5 |
| 10 | —22.6 | —22.8 | —24.6 | —26.0 | —26.5 | —28.1 | —29.3 | —30.3 | —31.7 | —33.3 | —34.3 | —35.1 | —35.4 | —35.5 | —36.6 | —37.0 | —37.2 | —37.3 | —37.0 | —38.0 | —39.3 | —39.5 | —39.5 | —40.0 | —33.20 | —22.6 | —40.0 | 17.4 |
| 11 | —39.9 | —39.9 | —39.9 | —39.8 | —39.8 | —40.0 | —40.0 | —40.0 | —40.5 | —40.5 | —40.5 | —41.0 | —40.7 | —40.9 | —41.1 | —41.1 | —41.5 | —41.6 | —42.1 | —42.0 | —42.0 | —42.0 | —41.6 | —41.7 | —40.84 | —39.8 | —42.1 | 2.3 |
| 12 | —42.0 | —42.0 | —42.1 | —41.7 | —41.5 | —40.4 | —40.1 | —39.0 | —37.5 | —37.1 | —36.5 | —36.2 | —35.5 | —34.1 | —33.6 | —33.4 | —33.3 | —33.1 | —32.2 | —31.3 | —31.0 | —31.4 | —31.8 | —31.8 | —36.19 | —31.0 | —42.1 | 11.1 |
| 13 | —31.9 | —31.2 | —29.9 | —29.7 | —29.6 | —29.5 | —29.5 | —29.5 | —30.5 | —30.7 | —31.1 | —30.7 | —30.2 | —30.1 | —30.6 | —32.3 | —33.0 | —33.9 | —33.6 | —33.0 | —30.5 | —31.0 | —30.5 | —31.5 | —31.00 | —29.5 | —33.9 | 4.4 |
| 14 | —30.5 | —32.5 | —33.4 | —31.9 | —34.1 | —34.0 | —33.5 | —34.7 | —34.0 | —33.5 | —33.3 | —33.5 | —33.2 | —34.0 | —33.0 | —32.8 | —32.3 | —32.3 | —32.5 | —33.9 | —34.7 | —34.7 | —36.0 | —35.7 | —33.50 | —30.5 | —36.0 | 5.5 |
| 15 | —36.3 | —36.8 | —37.0 | —36.9 | —37.0 | —36.9 | —38.3 | —39.0 | —39.0 | —39.1 | —39.5 | —40.0 | —40.2 | —40.2 | —39.9 | —39.3 | —38.9 | —38.5 | —37.9 | —37.2 | —36.9 | —36.2 | —36.1 | —36.0 | —38.05 | —36.0 | —40.2 | 4.2 |
| 16 | —35.5 | —33.7 | —33.9 | —34.4 | —34.9 | —34.5 | —34.0 | —33.5 | —34.1 | —33.9 | —33.7 | —34.1 | —34.0 | —33.9 | —35.3 | —36.5 | —37.6 | —37.3 | —36.9 | —36.8 | —36.6 | —36.0 | —37.0 | —35.2 | —35.14 | —33.5 | —37.6 | 4.1 |
| 17 | —35.0 | —35.3 | —35.1 | —35.3 | —34.7 | —33.7 | —32.6 | —31.8 | —31.0 | —30.1 | —29.8 | —30.0 | —29.6 | —28.9 | —28.4 | —28.4 | —27.6 | —27.1 | —27.0 | —27.1 | —27.1 | —27.0 | —26.5 | —26.1 | —30.22 | —26.1 | —35.3 | 9.2 |
| 18 | —25.5 | —25.4 | —24.7 | —25.7 | —27.3 | —25.4 | —24.5 | —25.0 | —26.4 | —26.0 | —24.7 | —23.9 | —23.5 | —23.5 | —24.0 | —23.3 | —23.6 | —25.9 | —23.2 | —23.2 | —23.5 | —23.1 | —23.8 | —24.2 | —24.47 | —23.1 | —27.3 | 4.2 |
| 19 | —24.0 | —24.7 | —24.7 | —23.9 | —23.0 | —22.5 | —23.1 | —23.5 | —25.0 | —26.0 | —26.0 | —25.8 | —25.5 | —26.5 | —26.9 | —26.1 | —25.6 | —25.2 | —25.4 | —25.0 | —25.1 | —24.7 | —24.9 | —24.5 | —24.90 | —22.5 | —26.9 | 4.4 |
| 20 | —24.5 | —24.7 | —24.7 | —24.7 | —25.1 | —26.0 | —27.5 | —29.0 | —30.6 | —30.7 | —32.4 | —33.0 | —33.1 | —33.2 | —33.2 | —33.0 | —32.8 | —32.4 | —32.4 | —32.3 | —32.8 | —33.7 | —34.6 | —35.0 | —30.84 | —24.5 | —35.0 | 10.5 |
| 21 | —35.0 | —35.0 | —35.5 | —36.0 | —36.5 | —36.8 | —36.9 | —37.0 | —36.1 | —35.8 | —35.7 | —35.5 | —36.0 | —35.8 | —35.1 | —35.5 | —34.5 | —34.1 | —34.0 | —34.1 | —33.7 | —33.6 | —33.7 | —34.0 | —35.25 | —33.6 | —37.0 | 3.4 |
| 22 | —33.6 | —33.6 | —33.0 | —33.1 | —33.2 | —33.7 | —34.0 | —33.0 | —32.1 | —32.4 | —32.6 | —33.1 | —33.1 | —32.9 | —33.0 | —33.1 | —33.1 | —33.0 | —32.7 | —32.6 | —33.2 | —33.2 | —33.3 | —33.8 | —33.10 | —32.1 | —34.0 | 1.9 |
| 23 | —34.1 | —34.1 | —34.5 | —34.8 | —34.4 | —34.8 | —35.0 | —36.0 | —37.5 | —37.5 | —38.1 | —38.3 | —38.8 | —39.5 | —39.1 | —40.2 | —40.3 | —40.4 | —40.7 | —40.7 | —41.5 | —39.2 | —39.5 | —40.0 | —37.88 | —34.1 | —41.5 | 7.4 |
| 24 | —41.0 | —40.9 | —40.8 | —39.7 | —39.4 | —40.1 | —40.7 | —41.0 | —40.4 | —40.5 | —41.3 | —41.5 | —41.1 | —40.5 | —39.6 | —39.6 | —38.6 | —38.8 | —38.7 | —38.0 | —37.7 | —36.7 | —36.9 | —36.3 | —39.58 | —36.3 | —41.5 | 5.2 |
| 25 | —36.5 | —35.6 | —34.7 | —34.9 | —33.9 | —33.2 | —32.9 | —32.3 | —31.9 | —30.8 | —30.1 | —29.5 | —29.2 | —28.9 | —29.8 | —31.9 | —33.5 | —34.1 | —34.2 | —34.5 | —35.3 | —36.0 | —36.3 | —36.7 | —33.20 | —28.9 | —36.7 | 7.8 |
| 26 | —36.7 | —36.7 | —37.1 | —37.6 | —37.3 | —36.7 | —37.3 | —37.4 | —36.9 | —38.1 | —38.1 | —37.0 | —36.5 | —36.6 | —37.5 | —38.1 | —38.5 | —39.0 | —38.9 | —39.6 | —39.7 | —40.1 | —40.5 | —40.4 | —38.01 | —36.5 | —40.5 | 4.0 |
| 27 | —39.1 | —38.6 | —38.9 | —39.6 | —40.1 | —39.3 | —38.5 | —37.7 | —37.1 | —37.1 | —37.1 | —36.3 | —36.2 | —35.3 | —34.7 | —35.1 | —35.4 | —36.2 | —36.9 | —35.4 | —34.2 | —34.3 | —33.6 | —33.5 | —36.68 | —33.5 | —40.1 | 6.6 |
| 28 | —32.7 | —31.9 | —31.1 | —30.8 | —31.0 | —31.1 | —31.0 | —31.1 | —31.1 | —31.1 | —30.6 | —31.1 | —31.5 | —32.2 | —33.4 | —35.0 | —35.8 | —36.1 | —36.9 | —37.7 | —38.1 | —38.5 | —39.0 | —38.5 | —33.64 | —30.6 | —39.0 | 8.4 |
| 29 | —38.5 | —38.6 | —39.0 | —39.0 | —39.5 | —40.6 | —41.1 | —41.5 | —41.9 | —42.4 | —43.1 | —43.7 | —44.2 | —45.4 | —45.1 | —45.5 | —45.8 | —45.6 | —45.5 | —45.6 | —46.2 | —46.5 | —47.0 | —47.5 | —43.28 | —38.5 | —47.5 | 9.0 |
| 30 | —47.1 | —47.5 | —47.8 | —48.3 | —48.0 | —47.9 | —48.5 | —48.7 | —49.2 | —49.0 | —48.4 | —48.3 | —48.1 | —48.1 | —48.5 | —48.1 | —48.8 | —48.0 | —46.9 | —47.8 | —47.9 | **—48.15** | —46.9 | **—49.2** | 2.3 |
| 31 | —48.0 | —47.7 | —46.5 | —45.7 | —45.4 | —44.8 | —44.7 | —44.4 | —43.9 | —43.5 | —43.5 | —42.8 | —42.5 | —42.6 | —42.4 | —42.5 | —42.6 | —43.2 | —43.7 | —43.7 | —43.7 | —43.4 | —44.0 | —44.12 | —42.4 | —48.0 | 5.6 |
| Среднее Mittel | —33.30 | —33.15 | —33.07 | —33.10 | —33.16 | **—33.01** | —33.13 | —33.22 | —33.45 | —33.66 | —33.74 | —33.77 | —33.76 | —33.81 | —33.77 | —34.07 | —34.06 | **—34.10** | —33.90 | —33.91 | —33.93 | —33.88 | —34.02 | —33.95 | —33.64 | —30.49 | —36.69 | 6.20 |

# Температура воздуха.

## Январь 1883.

Высота термометра надъ землею / Höhe des Thermometers über dem Boden } 2.4m

Среднее мѣстное время. / Mittlere Ortszeit.

# Temperatur der Luft.

## Januar 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −44.1 | −44.3 | −44.7 | −45.0 | −44.3 | −45.1 | −45.4 | −44.6 | −45.6 | −45.2 | −43.9 | −43.9 | −43.9 | −43.1 | −43.0 | −43.0 | −42.9 | −42.9 | −42.8 | −43.0 | −42.9 | −42.9 | −43.1 | −42.8 | −43.85 | −42.8 | −45.6 | 2.8 |
| 2 | −41.8 | −41.4 | −41.0 | −41.0 | −40.8 | −40.5 | −40.3 | −39.8 | −39.4 | −38.5 | −37.8 | −35.8 | −34.9 | −33.6 | −32.5 | −32.0 | −31.2 | −31.0 | −31.5 | −31.1 | −31.2 | −31.3 | −31.9 | −32.3 | −35.93 | −31.0 | −41.8 | 10.8 |
| 3 | −32.5 | −34.0 | −34.9 | −35.4 | −36.1 | −36.9 | −37.1 | −36.8 | −36.6 | −35.2 | −35.6 | −34.9 | −33.9 | −32.1 | −32.8 | −32.0 | −31.6 | −30.4 | −29.4 | −28.9 | −28.3 | −27.9 | −27.0 | −27.4 | −32.82 | −27.0 | −37.1 | 10.1 |
| 4 | −27.7 | −28.1 | −28.8 | −28.4 | −29.7 | −30.5 | −30.5 | −30.0 | −29.4 | −29.4 | −29.4 | −29.2 | −28.6 | −28.0 | −28.5 | −28.0 | −29.5 | −31.6 | −32.4 | −32.7 | −33.8 | −33.7 | −34.0 | −34.9 | −30.28 | −27.7 | −34.9 | 7.2 |
| 5 | −35.3 | −35.6 | −35.1 | −35.6 | −35.3 | −34.9 | −34.7 | −34.9 | −34.9 | −34.6 | −34.4 | −33.9 | −34.0 | −34.5 | −33.9 | −34.2 | −34.5 | −35.0 | −35.0 | −35.7 | −34.7 | −32.6 | −32.1 | −31.9 | −34.47 | −31.9 | −35.7 | 3.8 |
| 6 | −30.8 | −30.0 | −28.6 | −28.2 | −28.4 | −28.3 | −28.7 | −28.4 | −28.5 | −29.9 | −29.7 | −29.6 | −28.5 | −28.1 | −28.3 | −28.3 | −28.1 | −28.1 | −27.9 | −27.8 | −27.6 | −27.4 | −27.3 | −27.3 | **−28.49** | −27.3 | −30.8 | 3.5 |
| 7 | −27.4 | −27.4 | −28.4 | −28.8 | −28.8 | −30.3 | −29.6 | −28.8 | −30.0 | −32.8 | −33.4 | −32.7 | −34.7 | −34.8 | −34.6 | −35.8 | −36.6 | −36.4 | −36.4 | −37.9 | −38.8 | −38.8 | −38.0 | −36.9 | −33.25 | −27.4 | −38.8 | 11.4 |
| 8 | −36.4 | −36.1 | −36.1 | −36.1 | −35.3 | −36.9 | −36.6 | −36.8 | −36.4 | −36.1 | −34.1 | −33.1 | −32.6 | −31.9 | −30.9 | −31.3 | −30.4 | −29.0 | −28.5 | −27.9 | −28.9 | −27.9 | −28.4 | −28.2 | −32.75 | −27.9 | −36.9 | 9.0 |
| 9 | −28.3 | −29.7 | −29.9 | −32.6 | −33.3 | −33.9 | −34.4 | −34.9 | −35.4 | −35.9 | −36.4 | −36.5 | −37.4 | −37.4 | −36.9 | −37.3 | −36.4 | −36.6 | −37.0 | −37.4 | −37.9 | −37.6 | −39.0 | −39.0 | −35.46 | −28.3 | −39.0 | 10.7 |
| 10 | −38.6 | −38.1 | −37.9 | −37.6 | −35.9 | −36.5 | −36.9 | −36.9 | −37.7 | −37.4 | −34.9 | −34.8 | −33.8 | −34.9 | −35.4 | −36.5 | −37.6 | −38.4 | −38.7 | −39.0 | −38.9 | −39.8 | −39.8 | −39.7 | −37.32 | −33.8 | −39.8 | 6.0 |
| 11 | −40.2 | −39.9 | −40.4 | −40.4 | −40.8 | −41.2 | −40.9 | −41.4 | −40.0 | −39.5 | −41.4 | −42.0 | −39.8 | −37.5 | −37.0 | −35.7 | −35.9 | −34.8 | −33.7 | −33.4 | −35.4 | −36.0 | −34.7 | −33.9 | −38.16 | −33.4 | −42.0 | 7.6 |
| 12 | −33.6 | −33.5 | −33.3 | −33.2 | −33.2 | −33.3 | −33.8 | −32.9 | −31.9 | −32.7 | −32.9 | −32.9 | −32.5 | −32.1 | −31.8 | −31.4 | −30.7 | −30.9 | −33.6 | −35.1 | −34.9 | −35.5 | −36.2 | −38.1 | −33.31 | −30.7 | −38.1 | 7.4 |
| 13 | −36.4 | −35.6 | −34.3 | −34.8 | −36.3 | −37.8 | −38.7 | −40.3 | −38.4 | −35.7 | −36.9 | −37.9 | −39.2 | −37.4 | −37.9 | −38.1 | −38.9 | −38.6 | −39.5 | −40.0 | −40.4 | −40.0 | −40.5 | −41.5 | −38.15 | −34.3 | −41.5 | 7.2 |
| 14 | −41.4 | −41.6 | −41.0 | −40.7 | −39.7 | −40.4 | −40.3 | −39.5 | −39.9 | −39.8 | −39.4 | −39.4 | −40.4 | −40.7 | −40.7 | −40.6 | −40.3 | −41.0 | −41.0 | −41.0 | −41.4 | −41.2 | −41.3 | −41.9 | −40.61 | −39.4 | −41.9 | 2.5 |
| 15 | −41.9 | −42.0 | −42.4 | −42.9 | −42.9 | −42.7 | −42.1 | −41.5 | −41.8 | −41.7 | −41.4 | −41.6 | −41.3 | −41.0 | −41.7 | −40.3 | −39.8 | −39.4 | −38.7 | −38.3 | −37.6 | −37.1 | −36.6 | −36.2 | −40.54 | −36.2 | −42.9 | 6.7 |
| 16 | −35.2 | −34.4 | −33.7 | −32.6 | −31.6 | −30.4 | −29.8 | −29.6 | −29.9 | −30.1 | −30.4 | −31.4 | −31.6 | −31.6 | −31.3 | −31.7 | −32.9 | −33.3 | −33.9 | −32.7 | −32.8 | −32.8 | −32.8 | −33.4 | −32.06 | −29.6 | −35.2 | 5.6 |
| 17 | −33.8 | −33.7 | −34.0 | −33.4 | −32.7 | −33.6 | −34.4 | −34.8 | −35.1 | −34.2 | −32.9 | −31.9 | −31.5 | −31.9 | −31.4 | −28.9 | −28.2 | −28.8 | −27.6 | −27.0 | −25.9 | −26.3 | −27.4 | −27.5 | −31.12 | **−25.9** | −35.1 | 9.2 |
| 18 | −27.4 | −27.0 | −26.9 | −28.2 | −29.2 | −28.2 | −30.2 | −30.9 | −31.4 | −30.9 | −29.8 | −29.0 | −29.5 | −31.0 | −31.6 | −31.7 | −32.6 | −32.6 | −32.7 | −32.4 | −32.9 | −32.5 | −33.0 | −32.8 | −30.60 | −26.9 | −33.0 | 6.1 |
| 19 | −32.0 | −31.9 | −31.9 | −31.3 | −30.7 | −31.0 | −30.8 | −31.0 | −31.0 | −31.4 | −30.9 | −31.4 | −32.1 | −32.2 | −32.1 | −32.4 | −32.8 | −32.7 | −32.9 | −33.1 | −33.6 | −33.6 | −33.9 | −34.1 | −32.12 | −30.7 | −34.1 | 3.4 |
| 20 | −33.9 | −33.4 | −32.9 | −32.8 | −31.9 | −30.4 | −29.5 | −29.5 | −28.9 | −29.2 | −29.0 | −29.4 | −29.9 | −29.4 | −30.6 | −30.9 | −32.1 | −32.3 | −31.4 | −30.6 | −30.1 | −30.9 | −30.0 | −30.6 | −30.42 | −28.9 | −33.9 | 5.0 |
| 21 | −30.4 | −30.7 | −32.2 | −33.8 | −34.9 | −35.2 | −37.2 | −37.2 | −36.4 | −37.0 | −36.9 | −37.6 | −38.3 | −38.4 | −38.4 | −38.9 | −39.1 | −39.4 | −39.4 | −40.1 | −39.4 | −39.1 | −39.7 | −40.3 | −37.08 | −30.4 | −40.3 | 9.9 |
| 22 | −40.2 | −41.1 | −40.6 | −40.9 | −41.6 | −41.6 | −41.9 | −41.7 | −41.4 | −41.4 | −41.4 | −41.8 | −41.7 | −41.1 | −41.4 | −41.8 | −41.9 | −41.6 | −42.4 | −41.5 | −40.8 | −40.5 | −40.9 | −41.3 | −41.35 | −40.2 | −42.4 | 2.2 |
| 23 | −41.3 | −41.9 | −41.4 | −41.3 | −41.3 | −41.2 | −40.9 | −40.9 | −40.9 | −40.9 | −41.1 | −41.4 | −41.4 | −41.4 | −41.4 | −41.4 | −42.1 | −41.6 | −41.7 | −42.1 | −41.8 | −41.7 | −41.7 | −41.3 | −41.42 | −40.9 | −42.1 | 1.2 |
| 24 | −39.9 | −38.4 | −37.6 | −38.0 | −38.2 | −38.4 | −38.9 | −39.9 | −39.6 | −39.4 | −38.5 | −38.3 | −37.0 | −37.3 | −36.9 | −36.9 | −37.3 | −36.4 | −36.0 | −36.8 | −37.4 | −37.9 | −37.6 | −37.5 | −37.92 | −36.0 | −39.9 | 3.9 |
| 25 | −37.4 | −37.6 | −37.5 | −37.9 | −37.4 | −37.5 | −38.1 | −38.4 | −38.9 | −39.2 | −39.4 | −39.4 | −39.2 | −39.4 | −39.4 | −39.5 | −39.7 | −40.0 | −39.6 | −40.4 | −39.4 | −39.6 | −39.9 | −40.3 | −38.96 | −37.4 | −40.4 | 3.0 |
| 26 | −40.4 | −40.3 | −40.4 | −40.6 | −40.3 | −39.8 | −38.9 | −37.9 | −38.0 | −37.3 | −36.5 | −37.8 | −39.3 | −39.8 | −40.4 | −40.5 | −40.8 | −40.8 | −40.9 | −40.4 | −40.6 | −40.8 | −40.7 | −39.75 | −36.5 | −40.9 | 4.4 |
| 27 | −40.9 | −40.1 | −40.3 | −40.3 | −40.4 | −40.3 | −39.1 | −39.4 | −40.3 | −40.7 | −40.7 | −40.0 | −40.5 | −41.1 | −41.3 | −41.8 | −42.5 | −43.1 | −43.6 | −43.3 | −42.8 | −41.8 | −40.8 | −40.3 | −41.06 | −39.1 | −43.6 | 4.5 |
| 28 | −40.6 | −41.2 | −41.3 | −41.0 | −41.5 | −41.8 | −40.9 | −40.4 | −39.9 | −41.4 | −42.2 | −42.5 | −41.7 | −41.7 | −40.9 | −40.8 | −41.0 | −42.4 | −42.5 | −41.5 | −43.3 | −41.9 | −42.5 | −43.4 | −41.60 | −39.9 | −43.4 | 3.5 |
| 29 | −43.4 | −43.3 | −43.9 | −44.4 | −44.3 | −43.9 | −43.9 | −44.3 | −44.5 | −44.8 | −44.7 | −44.0 | −44.9 | −44.6 | −44.9 | −44.0 | −44.0 | −44.3 | −44.6 | −44.6 | −44.0 | −44.6 | −43.5 | −43.9 | −44.23 | −43.3 | −44.9 | 1.6 |
| 30 | −44.7 | −44.5 | −44.6 | −44.0 | −43.7 | −43.8 | −43.7 | −43.8 | −43.9 | −43.6 | −43.4 | −43.9 | −43.5 | −43.4 | −42.9 | −44.0 | −43.9 | −43.3 | −43.6 | −44.2 | −43.1 | −43.5 | −44.5 | −45.1 | −43.85 | −42.9 | −44.7 | 1.8 |
| 31 | −44.3 | −44.6 | −44.9 | −44.4 | −44.9 | −44.4 | −45.1 | −45.4 | −45.1 | −46.0 | −46.4 | −45.4 | −46.4 | −46.8 | −46.6 | −46.4 | −46.0 | −45.8 | −45.0 | −46.4 | −47.4 | −47.8 | −47.2 | −46.0 | **−45.78** | −44.3 | **−47.8** | 3.5 |
| Среднее Mittel | −36.85 | −36.82 | −36.80 | −36.89 | −36.95 | −37.11 | **−37.19** | −37.18 | −37.13 | −37.16 | −36.96 | −36.88 | −36.90 | −36.74 | −36.68 | **−36.66** | −36.82 | −36.88 | −36.88 | −37.00 | −37.06 | −36.92 | −36.95 | −37.09 | −36.93 | −33.94 | −39.63 | 5.69 |

## Февраль 1883.

## Februar 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −45.8 | −45.7 | −45.9 | −45.9 | −45.4 | −44.9 | −44.9 | −43.9 | −43.5 | −43.5 | −43.5 | −44.1 | −44.0 | −44.0 | −43.7 | −43.4 | −43.4 | −43.0 | −42.9 | −42.2 | −41.4 | −42.2 | −42.9 | −42.6 | −43.86 | −41.4 | −45.9 | 4.5 |
| 2 | −42.5 | −42.9 | −43.1 | −43.4 | −43.1 | −42.7 | −43.2 | −43.9 | −43.9 | −43.9 | −43.7 | −43.7 | −42.9 | −42.6 | −41.4 | −41.0 | −40.8 | −39.0 | −37.8 | −37.0 | −36.9 | −35.9 | −35.8 | −35.1 | −41.09 | −35.1 | −43.9 | 8.8 |
| 3 | −33.7 | −34.0 | −34.6 | −32.4 | −34.8 | −33.9 | −33.9 | −35.1 | −35.9 | −34.3 | −33.0 | −32.5 | −32.1 | −31.8 | −32.9 | −32.2 | −32.0 | −32.5 | −35.4 | −33.8 | −33.9 | −33.9 | −34.1 | −34.6 | −33.55 | −31.8 | −35.9 | 4.1 |
| 4 | −34.5 | −34.8 | −35.5 | −35.4 | −35.3 | −34.7 | −34.7 | −34.4 | −35.4 | −36.0 | −35.5 | −35.1 | −35.6 | −36.8 | −37.4 | −38.6 | −39.0 | −39.4 | −39.4 | −39.7 | −40.1 | −40.5 | −40.8 | −40.9 | −37.06 | −34.4 | −40.9 | 6.5 |
| 5 | −40.4 | −39.9 | −39.9 | −40.0 | −40.3 | −40.4 | −40.9 | −40.7 | −41.3 | −41.7 | −41.9 | −42.5 | −42.9 | −42.9 | −43.0 | −43.2 | −43.4 | −43.0 | −43.7 | −43.8 | −44.3 | −44.1 | −43.4 | −43.1 | −42.11 | −39.9 | −44.3 | 4.4 |
| 6 | −42.7 | −42.3 | −42.6 | −43.4 | −44.1 | −44.9 | −45.4 | −45.7 | −45.7 | −46.2 | −45.4 | −45.8 | −45.7 | −45.8 | −45.7 | −46.7 | −46.7 | −47.3 | −47.4 | −46.5 | −46.7 | −47.0 | −47.2 | −47.5 | −45.60 | −42.3 | −47.5 | 5.2 |
| 7 | −47.6 | −47.9 | −48.0 | −47.9 | −48.0 | −47.9 | −48.2 | −49.1 | −49.6 | −49.9 | −49.5 | −49.1 | −48.8 | −49.6 | −49.7 | −49.8 | −50.6 | −50.3 | −50.5 | −50.6 | −51.1 | −51.2 | −51.7 | −52.0 | −49.53 | −47.6 | −52.0 | 4.4 |
| 8 | −51.8 | −52.1 | −52.1 | −52.6 | −52.8 | −52.8 | −52.9 | −52.9 | −53.1 | −52.6 | −52.2 | −52.1 | −51.7 | −51.8 | −51.8 | −51.2 | −51.3 | −51.3 | −50.8 | −51.1 | −50.8 | −51.2 | −51.7 | −51.7 | −52.1 | **−51.97** | −50.8 | −53.1 | 2.3 |
| 9 | −51.5 | −52.8 | −52.1 | −52.6 | −53.1 | −53.2 | −53.1 | −53.1 | −52.8 | −52.3 | −51.2 | −51.0 | −51.1 | −51.4 | −51.4 | −50.8 | −49.9 | −48.9 | −48.4 | −50.0 | −49.7 | −49.0 | −48.1 | −49.2 | −51.10 | −48.1 | **−53.2** | 5.1 |
| 10 | −49.9 | −49.7 | −48.6 | −48.5 | −48.0 | −49.3 | −49.8 | −49.0 | −48.8 | −49.4 | −49.8 | −49.7 | −50.6 | −50.2 | −50.5 | −50.8 | −51.0 | −51.3 | −52.1 | −52.1 | −51.8 | −51.2 | −51.6 | −50.7 | −50.18 | −48.0 | −52.1 | 4.1 |
| 11 | −50.2 | −49.6 | −50.0 | −49.5 | −49.8 | −50.4 | −50.5 | −50.4 | −50.4 | −50.6 | −50.5 | −49.9 | −49.6 | −50.1 | −50.2 | −49.6 | −49.6 | −49.8 | −50.0 | −49.6 | −48.7 | −49.0 | −48.5 | −49.0 | −49.81 | −48.5 | −50.6 | 2.1 |
| 12 | −48.6 | −48.6 | −49.1 | −48.9 | −48.9 | −48.8 | −47.6 | −47.1 | −47.6 | −47.8 | −47.6 | −47.8 | −46.8 | −47.3 | −48.4 | −46.0 | −47.1 | −45.9 | −47.7 | −47.0 | −45.3 | −45.6 | −46.6 | −47.1 | −47.26 | −45.3 | −49.1 | 3.8 |
| 13 | −47.3 | −47.1 | −47.1 | −46.9 | −47.2 | −47.0 | −46.4 | −45.9 | −45.8 | −44.7 | −44.5 | −43.8 | −43.0 | −43.3 | −43.3 | −43.1 | −43.0 | −42.8 | −42.6 | −41.7 | −42.4 | −41.6 | −41.5 | −41.1 | −44.30 | −41.1 | −47.3 | 6.2 |
| 14 | −40.4 | −39.6 | −40.4 | −40.2 | −39.6 | −39.6 | −39.6 | −40.1 | −39.2 | −38.1 | −37.8 | −37.1 | −36.9 | −36.6 | −36.2 | −35.9 | −35.6 | −35.3 | −35.1 | −35.1 | −34.6 | −34.2 | −33.6 | −33.1 | −37.25 | −33.1 | −40.4 | 7.3 |
| 15 | −32.0 | −31.7 | −31.2 | −31.5 | −32.0 | −32.6 | −33.3 | −32.9 | −33.1 | −33.9 | −35.1 | −36.2 | −36.9 | −37.4 | −37.1 | −36.9 | −37.2 | −37.9 | −37.3 | −37.6 | −37.3 | −36.7 | −36.5 | −35.9 | −35.01 | −31.2 | −37.9 | 6.7 |
| 16 | −36.3 | −36.7 | −36.8 | −36.7 | −36.5 | −37.5 | −37.9 | −39.7 | −40.7 | −41.9 | −41.9 | −41.9 | −41.3 | −40.2 | −39.1 | −38.9 | −41.0 | −41.5 | −41.5 | −41.8 | −42.1 | −42.1 | −42.3 | −42.1 | −39.93 | −36.3 | −42.3 | 6.0 |
| 17 | −42.1 | −42.6 | −43.2 | −43.3 | −43.8 | −44.6 | −44.6 | −44.6 | −44.6 | −44.6 | −44.5 | −44.6 | −44.9 | −44.5 | −44.2 | −45.1 | −45.0 | −44.2 | −43.2 | −43.5 | −43.8 | −43.7 | −44.5 | −43.6 | −44.05 | −42.1 | −45.1 | 3.0 |
| 18 | −44.1 | −43.6 | −44.0 | −44.1 | −44.7 | −44.5 | −45.3 | −46.1 | −47.7 | −47.0 | −47.0 | −46.9 | −46.3 | −45.7 | −45.8 | −46.5 | −46.7 | −46.8 | −46.6 | −46.5 | −47.8 | −47.7 | −47.5 | −48.0 | −46.12 | −43.6 | −48.0 | 4.4 |
| 19 | −47.1 | −47.6 | −48.6 | −48.4 | −48.1 | −48.1 | −47.4 | −46.7 | −47.3 | −46.6 | −46.6 | −46.7 | −45.2 | −45.4 | −46.4 | −46.5 | −46.2 | −46.6 | −47.0 | −48.1 | −47.5 | −48.2 | −47.7 | −47.4 | −47.14 | −45.2 | −48.6 | 3.4 |
| 20 | −47.2 | −46.9 | −47.5 | −46.8 | −47.1 | −47.6 | −48.1 | −47.7 | −48.1 | −47.7 | −47.3 | −47.2 | −46.4 | −46.0 | −46.1 | −47.1 | −47.3 | −47.1 | −46.2 | −46.9 | −46.9 | −47.2 | −47.4 | −47.7 | −47.15 | −46.0 | −48.2 | 2.1 |
| 21 | −47.1 | −47.2 | −47.4 | −47.6 | −47.8 | −49.2 | −48.1 | −48.1 | −48.0 | −47.0 | −46.8 | −46.2 | −46.6 | −46.2 | −46.0 | −46.5 | −46.8 | −46.8 | −46.6 | −47.9 | −47.3 | −47.9 | −48.2 | −47.6 | −47.29 | −46.2 | −49.2 | 3.0 |
| 22 | −47.8 | −47.7 | −48.1 | −48.5 | −48.8 | −49.1 | −49.1 | −49.2 | −48.5 | −48.0 | −46.4 | −45.7 | −45.2 | −44.6 | −44.7 | −44.6 | −44.1 | −43.4 | −42.6 | −42.2 | −41.3 | −39.9 | −38.6 | −37.5 | −45.23 | −37.5 | −49.2 | 11.7 |
| 23 | −35.8 | −36.1 | −35.1 | −34.6 | −34.0 | −33.5 | −33.1 | −33.2 | −33.1 | −33.0 | −32.9 | −32.0 | −32.0 | −32.0 | −31.8 | −32.0 | −32.0 | −32.0 | −30.6 | −31.6 | −30.6 | −31.6 | −31.8 | −32.0 | −32.75 | −30.6 | −36.1 | 5.5 |
| 24 | −33.0 | −33.5 | −33.5 | −33.3 | −33.6 | −33.1 | −33.7 | −34.5 | −35.0 | −35.0 | −35.1 | −34.3 | −34.6 | −34.4 | −34.6 | −35.4 | −36.1 | −36.2 | −36.2 | −36.7 | −36.4 | −36.5 | −36.7 | −36.4 | −34.85 | −33.0 | −36.7 | 3.7 |
| 25 | −37.5 | −36.7 | −37.1 | −37.4 | −37.2 | −37.3 | −36.1 | −35.2 | −34.7 | −33.7 | −33.6 | −33.2 | −31.6 | −31.5 | −31.0 | −30.8 | −30.9 | −31.2 | −31.4 | −31.6 | −32.3 | −32.6 | −34.0 | −35.1 | −33.90 | −30.8 | −37.5 | 6.7 |
| 26 | −35.9 | −36.6 | −37.2 | −38.0 | −38.1 | −38.4 | −39.3 | −39.1 | −38.8 | −38.8 | −37.6 | −36.6 | −33.8 | −32.9 | −32.2 | −32.4 | −32.1 | −31.2 | −31.5 | −31.0 | −30.6 | −30.4 | −30.7 | −31.1 | −34.76 | −30.4 | −39.3 | 8.9 |
| 27 | −30.7 | −30.6 | −30.3 | −30.1 | −29.8 | −29.6 | −29.2 | −29.1 | −28.6 | −28.3 | −28.1 | −27.7 | −27.1 | −27.4 | −27.7 | −27.9 | −28.8 | −29.6 | −30.2 | −30.7 | −32.3 | −33.6 | −36.4 | −37.9 | **−30.07** | **−27.1** | −37.9 | 10.8 |
| 28 | −38.8 | −39.2 | −39.1 | −40.4 | −41.1 | −41.0 | −41.6 | −38.7 | −35.6 | −33.2 | −31.3 | −30.1 | −29.1 | −28.6 | −28.6 | −28.2 | −28.4 | −28.2 | −28.6 | −28.5 | −29.1 | −30.0 | −30.7 | −31.6 | −33.32 | −28.2 | −41.6 | 13.4 |
| Среднее Mittel | −42.23 | −42.28 | −42.43 | −42.44 | −42.61 | −42.74 | **−42.78** | −42.72 | −42.74 | −42.49 | −42.15 | −41.90 | −41.52 | −41.46 | **−41.28** | −41.46 | −41.62 | −41.50 | −41.49 | −41.57 | −41.56 | −41.61 | −41.78 | −41.87 | −42.01 | −39.13 | −44.78 | 5.65 |

# Температура воздуха.

## Мартъ 1883.

Высота термометра надъ землею / Höhe des Thermometers über dem Boden } 2.4$^m$

Среднее мѣстное время. / Mittlere Ortszeit.



# Temperatur der Luft.

## März 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -34.6 | -35.7 | -36.4 | -37.1 | -36.3 | -37.4 | -37.6 | -37.1 | -36.9 | -36.3 | -36.1 | -35.7 | -35.8 | -36.0 |
| 2 | -38.8 | -38.9 | -39.1 | -38.9 | -39.7 | -38.3 | -38.6 | -38.4 | -37.8 | -37.6 | -37.4 | -37.7 | -37.7 | -37.9 |
| 3 | -29.8 | -30.0 | -28.6 | -27.4 | -27.2 | -27.3 | -26.3 | -26.1 | -27.7 | -29.4 | -28.2 | -27.5 | -26.7 | -27.7 |
| 4 | -29.6 | -29.4 | -29.2 | -29.1 | -29.4 | -29.1 | -29.6 | -30.1 | -31.2 | -31.1 | -30.6 | -30.5 | -29.9 | -29.1 |
| 5 | -34.4 | -34.7 | -35.4 | -36.2 | -36.5 | -37.1 | -36.8 | -36.1 | -35.2 | -35.3 | -34.6 | -34.4 | -33.6 | -33.8 |
| 6 | -38.1 | -38.4 | -38.7 | -39.1 | -39.6 | -40.7 | -40.7 | -40.8 | -39.7 | -38.8 | -37.3 | -37.4 | -37.1 | -36.6 |
| 7 | -39.7 | -40.1 | -40.1 | -40.2 | -39.6 | -40.2 | -39.9 | -40.1 | -39.1 | -38.4 | -37.9 | -37.0 | -36.5 | -36.0 |
| 8 | -40.4 | -40.5 | -41.1 | -40.7 | -41.1 | -40.7 | -39.3 | -38.8 | -37.5 | -36.6 | -36.5 | -36.6 | -35.8 | -34.8 |
| 9 | -38.3 | -38.2 | -38.2 | -38.6 | -38.1 | -38.6 | -38.2 | -37.2 | -35.2 | -35.1 | -34.6 | -34.0 | -33.1 | -32.6 |
| 10 | -37.4 | -37.2 | -37.4 | -37.4 | -37.6 | -37.6 | -37.9 | -37.4 | -36.1 | -35.6 | -34.8 | -34.4 | -33.8 | -33.3 |
| 11 | -34.8 | -34.9 | -35.0 | -34.8 | -34.7 | -34.1 | -34.5 | -33.3 | -33.1 | -32.1 | -30.1 | -28.4 | -28.9 | -29.0 |
| 12 | -33.2 | -34.6 | -35.4 | -36.1 | -35.7 | -37.2 | -37.6 | -37.8 | -37.0 | -36.3 | -35.5 | -35.0 | -34.6 | -34.3 |
| 13 | -39.2 | -39.0 | -39.3 | -39.5 | -39.2 | -39.1 | -39.8 | -38.6 | -37.0 | -34.8 | -34.0 | -33.6 | -33.1 | -32.6 |
| 14 | -25.8 | -24.0 | -22.7 | -21.8 | -20.6 | -20.4 | -20.1 | -20.1 | -19.9 | -19.4 | -19.0 | -18.9 | -18.8 | -18.6 |
| 15 | -19.7 | -19.3 | -19.5 | -20.1 | -20.8 | -23.1 | -24.3 | -24.1 | -22.3 | -23.3 | -23.6 | -22.1 | -23.4 | -23.8 |
| 16 | -33.6 | -34.1 | -34.4 | -34.7 | -35.1 | -34.6 | -35.1 | -34.5 | -33.0 | -32.2 | -32.0 | -30.9 | -30.6 | -30.2 |
| 17 | -34.8 | -35.3 | -35.3 | -35.6 | -35.6 | -35.7 | -35.2 | -34.6 | -33.9 | -33.1 | -32.4 | -31.6 | -31.1 | -30.7 |
| 18 | -33.1 | -33.6 | -34.1 | -34.4 | -34.2 | -34.5 | -34.0 | -33.6 | -33.0 | -32.1 | -31.4 | -30.8 | -30.1 | -30.5 |
| 19 | -32.6 | -32.6 | -33.1 | -33.1 | -32.8 | -32.6 | -32.7 | -32.1 | -31.8 | -30.0 | -28.8 | -28.8 | -29.3 | -28.2 |
| 20 | -36.8 | -36.6 | -37.6 | -38.1 | -37.9 | -38.4 | -38.6 | -38.0 | -35.1 | -34.2 | -33.4 | -32.7 | -32.1 | -31.8 |
| 21 | -36.1 | -36.6 | -36.4 | -37.7 | -37.7 | -38.1 | -38.1 | -35.8 | -35.5 | -34.5 | -33.5 | -32.6 | -32.1 | -31.3 |
| 22 | -36.8 | -35.8 | -34.6 | -34.0 | -34.2 | -33.7 | -32.6 | -30.9 | -31.1 | -31.1 | -30.0 | -29.9 | -30.1 | -29.6 |
| 23 | -33.3 | -34.6 | -34.6 | -33.1 | -33.8 | -33.9 | -33.9 | -32.8 | -33.0 | -33.9 | -34.1 | -33.2 | -32.1 | -32.1 |
| 24 | -35.6 | -36.0 | -35.6 | -35.6 | -35.1 | -34.6 | -33.8 | -32.6 | -31.9 | -29.5 | -27.6 | -26.4 | -25.6 | -25.7 |
| 25 | -31.6 | -33.2 | -34.6 | -34.8 | -35.5 | -36.7 | -35.8 | -35.4 | -34.8 | -35.1 | -33.3 | -32.2 | -31.9 | -32.0 |
| 26 | -38.7 | -39.5 | -39.5 | -39.7 | -40.1 | -39.9 | -39.6 | -38.6 | -38.1 | -36.6 | -35.2 | -34.6 | -34.1 | -33.6 |
| 27 | -41.5 | -41.1 | -41.1 | -41.3 | -40.4 | -39.6 | -38.6 | -38.5 | -35.6 | -34.6 | -33.5 | -32.4 | -31.4 | -30.6 |
| 28 | -39.6 | -39.1 | -39.0 | -38.2 | -36.6 | -36.6 | -36.5 | -35.6 | -34.0 | -33.9 | -33.1 | -32.9 | -35.1 | -31.8 |
| 29 | -38.6 | -37.6 | -36.8 | -38.3 | -38.7 | -38.2 | -36.7 | -35.0 | -34.1 | -31.7 | -31.6 | -30.1 | -29.5 | -28.1 |
| 30 | -34.6 | -35.4 | -35.1 | -33.6 | -34.2 | -33.7 | -31.5 | -29.2 | -28.6 | -26.7 | -26.1 | -25.1 | -24.3 | -23.8 |
| 31 | -31.6 | -31.3 | -29.9 | -30.4 | -28.7 | -27.1 | -24.9 | -23.7 | -22.6 | -21.5 | -20.8 | -20.0 | -19.5 | -19.0 |
| Среднее Mittel | -34.93 | -35.07 | -35.09 | **-35.15** | -35.05 | -35.12 | -34.80 | -34.09 | -33.28 | -32.61 | -31.84 | -31.21 | -30.89 | **-30.49** |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -36.5 | -37.1 | -37.6 | -38.4 | -38.6 | -38.8 | -38.7 | -38.7 | -38.6 | -38.7 | -37.11 | -34.6 | -38.8 | 4.2 |
| 2 | -37.7 | -36.7 | -35.0 | -33.1 | -32.6 | -31.1 | -32.3 | -34.5 | -32.7 | -30.6 | -36.38 | -30.6 | -39.7 | 9.1 |
| 3 | -29.0 | -28.9 | -28.6 | -29.3 | -29.1 | -27.8 | -28.1 | -29.2 | -29.8 | -30.5 | -28.34 | -26.1 | -30.5 | 4.4 |
| 4 | -29.1 | -29.7 | -30.1 | -31.0 | -32.1 | -32.9 | -32.9 | -33.6 | -33.9 | -33.8 | -30.71 | -29.1 | -33.9 | 4.8 |
| 5 | -34.3 | -34.6 | -36.2 | -35.6 | -36.6 | -36.1 | -37.1 | -36.2 | -38.0 | -38.1 | -35.70 | -33.6 | -38.1 | 4.5 |
| 6 | -36.6 | -36.6 | -37.6 | -38.4 | -38.6 | -39.0 | -39.1 | -39.1 | -39.7 | -39.8 | -38.65 | -36.6 | -40.8 | 4.2 |
| 7 | -35.7 | -36.0 | -38.1 | -38.1 | -38.9 | -38.7 | -39.4 | -39.7 | -39.8 | -40.1 | **-38.72** | -35.7 | -40.2 | 4.5 |
| 8 | -34.4 | -34.2 | -35.2 | -36.4 | -36.8 | -37.3 | -37.6 | -36.8 | -37.1 | -38.1 | -37.68 | -34.2 | -41.1 | 6.9 |
| 9 | -33.0 | -33.6 | -34.7 | -35.7 | -36.0 | -36.2 | -36.7 | -36.9 | -37.1 | -37.1 | -36.13 | -32.6 | -38.6 | 6.0 |
| 10 | -32.0 | -32.7 | -34.0 | -34.6 | -34.3 | -35.1 | -35.1 | -34.4 | -36.0 | -35.6 | -35.49 | -32.0 | -37.9 | 5.9 |
| 11 | -29.6 | -29.9 | -29.9 | -32.1 | -32.1 | -30.9 | -32.8 | -33.9 | -34.5 | -33.7 | -32.38 | -28.4 | -35.0 | 6.6 |
| 12 | -34.9 | -35.1 | -36.2 | -37.1 | -37.6 | -37.9 | -38.2 | -38.6 | -39.0 | -39.1 | -36.42 | -33.2 | -39.1 | 5.9 |
| 13 | -33.4 | -33.2 | -32.5 | -32.4 | -30.8 | -30.5 | -30.1 | -29.6 | -28.5 | -27.0 | -34.45 | -27.0 | -39.8 | 12.8 |
| 14 | -18.6 | -19.1 | -19.7 | -20.2 | -20.1 | -19.8 | -19.8 | -19.3 | -18.1 | -20.1 | **-20.20** | **-18.6** | -25.8 | 7.2 |
| 15 | -23.8 | -24.3 | -25.1 | -27.2 | -29.7 | -31.1 | -32.1 | -32.4 | -32.8 | -33.4 | -25.05 | -19.3 | -33.4 | 14.1 |
| 16 | -30.0 | -30.6 | -31.6 | -32.3 | -32.7 | -33.1 | -33.1 | -33.6 | -33.8 | -34.4 | -32.93 | -30.0 | -35.1 | 5.1 |
| 17 | -30.6 | -30.6 | -31.1 | -31.6 | -32.1 | -32.2 | -32.6 | -32.8 | -33.1 | -33.1 | -33.11 | -30.6 | -35.7 | 5.1 |
| 18 | -29.5 | -29.8 | -30.6 | -31.4 | -32.1 | -32.3 | -32.6 | -33.3 | -33.3 | -32.7 | -32.38 | -29.5 | -34.5 | 5.0 |
| 19 | -27.7 | -28.7 | -30.1 | -31.6 | -32.6 | -33.9 | -34.9 | -35.5 | -36.3 | -36.3 | -31.92 | -27.7 | -36.3 | 8.6 |
| 20 | -31.5 | -32.1 | -33.1 | -34.7 | -35.8 | -36.1 | -36.2 | -35.6 | -36.1 | -36.6 | -35.38 | -31.5 | -38.6 | 7.1 |
| 21 | -31.6 | -31.9 | -33.1 | -34.3 | -35.6 | -36.6 | -37.2 | -37.3 | -37.5 | -37.5 | -35.36 | -31.3 | -38.1 | 6.8 |
| 22 | -30.2 | -30.2 | -29.6 | -30.1 | -30.1 | -29.7 | -30.1 | -31.6 | -32.3 | -32.8 | -31.71 | -29.6 | -36.8 | 7.2 |
| 23 | -32.3 | -32.4 | -33.2 | -33.9 | -34.9 | -34.7 | -35.2 | -34.9 | -35.6 | -35.5 | -33.79 | -32.1 | -35.6 | 3.5 |
| 24 | -26.2 | -26.8 | -26.9 | -27.7 | -28.6 | -29.0 | -28.8 | -28.1 | -28.4 | -29.4 | -30.23 | -25.6 | -36.0 | 10.4 |
| 25 | -33.2 | -32.6 | -33.7 | -34.6 | -35.6 | -36.1 | -36.9 | -37.1 | -37.4 | -38.5 | -34.69 | -31.6 | -38.5 | 6.9 |
| 26 | -33.6 | -34.6 | -35.8 | -37.7 | -38.9 | -40.1 | -41.0 | -41.3 | -41.4 | -41.6 | -38.08 | -33.6 | **-41.6** | 8.0 |
| 27 | -30.5 | -31.2 | -32.7 | -34.2 | -36.0 | -37.0 | -37.7 | -38.1 | -38.5 | -38.9 | -36.46 | -30.5 | -41.5 | 11.0 |
| 28 | -31.9 | -32.2 | -33.2 | -34.2 | -35.2 | -36.6 | -37.1 | -37.6 | -38.1 | -38.9 | -35.61 | -31.8 | -39.6 | 7.8 |
| 29 | -28.0 | -29.1 | -30.5 | -31.9 | -33.3 | -33.9 | -34.3 | -34.6 | -35.0 | -34.1 | -33.74 | -28.0 | -38.7 | 10.7 |
| 30 | -23.3 | -24.1 | -25.1 | -26.1 | -26.6 | -27.5 | -29.1 | -29.6 | -28.0 | -30.6 | -28.83 | -23.3 | -35.4 | 12.1 |
| 31 | -19.0 | -20.3 | -21.9 | -24.4 | -25.1 | -26.3 | -26.1 | -26.5 | -25.4 | -25.4 | -24.64 | -19.0 | -31.6 | 12.6 |
| Среднее Mittel | -30.57 | -30.93 | -31.70 | -32.59 | -33.20 | -33.49 | -33.96 | -34.21 | -34.38 | -34.58 | -33.30 | -29.59 | -36.98 | 7.39 |

## Апрѣль 1883. / April 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -24.8 | -25.4 | -26.7 | -27.4 | -27.9 | -28.0 | -27.9 | -26.3 | -25.0 | -25.8 | -24.9 | -23.9 | -21.7 | -22.4 |
| 2 | -30.2 | -29.8 | -30.4 | -31.7 | -30.8 | -29.4 | -28.4 | -28.6 | -28.2 | -29.2 | -28.2 | -26.6 | -25.7 | -25.4 |
| 3 | -32.7 | -32.3 | -32.8 | -32.7 | -32.0 | -31.5 | -30.0 | -30.0 | -26.8 | -25.8 | -24.0 | -23.4 | -22.4 | -22.0 |
| 4 | -23.8 | -23.4 | -23.2 | -23.2 | -23.0 | -23.1 | -22.8 | -22.0 | -20.8 | -19.3 | -19.0 | -18.6 | -18.5 | -18.6 |
| 5 | -30.4 | -31.6 | -32.4 | -32.6 | -32.1 | -32.1 | -31.4 | -30.7 | -28.3 | -27.5 | -27.0 | -25.9 | -25.1 | -25.1 |
| 6 | -30.5 | -31.7 | -32.6 | -32.6 | -32.7 | -32.6 | -32.6 | -31.1 | -29.7 | -28.3 | -27.3 | -26.0 | -25.1 | -24.6 |
| 7 | -25.0 | -24.4 | -23.4 | -22.4 | -21.7 | -20.4 | -19.0 | -18.0 | -17.1 | -16.5 | -16.5 | -16.7 | -16.8 | -17.7 |
| 8 | -15.0 | -14.6 | -14.4 | -14.4 | -13.9 | -13.6 | -13.6 | -14.0 | -14.4 | -14.2 | -13.6 | -13.4 | -13.1 | -12.6 |
| 9 | -17.3 | -17.7 | -17.5 | -17.5 | -16.5 | -16.0 | -15.2 | -14.6 | -14.2 | -13.1 | -12.4 | -11.8 | -11.5 | -11.0 |
| 10 | -11.4 | -11.1 | -11.7 | -14.2 | -15.0 | -15.7 | -17.7 | -18.3 | -18.5 | -18.8 | -19.3 | -19.5 | -19.3 | -18.6 |
| 11 | -29.6 | -30.2 | -30.7 | -30.9 | -30.7 | -30.0 | -28.7 | -27.1 | -26.4 | -25.6 | -25.0 | -24.0 | -23.3 | -22.7 |
| 12 | -20.2 | -19.7 | -20.4 | -20.2 | -19.9 | -19.6 | -19.4 | -19.2 | -19.8 | -19.8 | -18.7 | -18.9 | -17.8 | -17.9 |
| 13 | -21.7 | -23.7 | -24.8 | -25.5 | -25.9 | -24.5 | -20.7 | -19.0 | -17.3 | -16.2 | -16.8 | -17.0 | -15.7 | -14.9 |
| 14 | -16.8 | -16.0 | -16.1 | -16.4 | -16.6 | -16.7 | -16.8 | -15.6 | -15.0 | -14.2 | -15.4 | -17.2 | -13.4 | -13.1 |
| 15 | -14.9 | -13.9 | -15.0 | -15.0 | -16.0 | -15.5 | -15.4 | -14.4 | -13.9 | -15.2 | -17.2 | -17.4 | -17.6 | -18.3 |
| 16 | -27.9 | -26.8 | -26.6 | -28.4 | -28.0 | -26.5 | -24.4 | -24.3 | -23.5 | -22.4 | -21.5 | -21.0 | -20.4 | -19.9 |
| 17 | -22.1 | -24.6 | -21.8 | -20.4 | -19.6 | -20.2 | -19.2 | -17.4 | -16.4 | -15.9 | -15.6 | -15.2 | -15.0 | -16.2 |
| 18 | -28.8 | -30.0 | -29.2 | -29.8 | -29.2 | -27.4 | -25.8 | -24.4 | -22.6 | -21.1 | -20.1 | -19.0 | -17.1 | -15.6 |
| 19 | -24.8 | -25.6 | -25.5 | -24.6 | -25.9 | -23.9 | -22.2 | -20.6 | -20.0 | -19.0 | -18.4 | -17.9 | -17.2 | -16.3 |
| 20 | -27.6 | -27.4 | -29.4 | -28.4 | -27.6 | -27.0 | -24.6 | -23.3 | -21.8 | -20.3 | -19.0 | -18.2 | -17.4 | -15.8 |
| 21 | -22.0 | -21.4 | -21.2 | -22.6 | -22.6 | -22.4 | -21.2 | -20.3 | -18.9 | -18.2 | -17.8 | -17.5 | -16.8 | -16.5 |
| 22 | -25.7 | -26.5 | -27.1 | -27.0 | -26.0 | -25.0 | -23.8 | -22.6 | -22.0 | -20.7 | -20.6 | -20.2 | -19.8 | -19.5 |
| 23 | -27.2 | -28.2 | -28.5 | -28.3 | -28.0 | -26.6 | -25.2 | -23.7 | -22.4 | -21.1 | -20.2 | -19.9 | -19.3 | -18.4 |
| 24 | -25.3 | -25.9 | -26.1 | -26.0 | -25.9 | -25.0 | -23.4 | -21.7 | -19.9 | -19.0 | -18.2 | -17.8 | -17.2 | -16.3 |
| 25 | -22.2 | -22.1 | -21.8 | -21.4 | -21.3 | -21.6 | -21.0 | -19.8 | -19.0 | -18.4 | -18.0 | -17.7 | -17.7 | -17.5 |
| 26 | -25.0 | -25.2 | -25.8 | -25.4 | -24.6 | -22.9 | -20.0 | -18.2 | -17.8 | -16.4 | -15.3 | -14.8 | -14.9 | -15.0 |
| 27 | -17.0 | -17.2 | -17.0 | -16.6 | -16.6 | -16.2 | -15.6 | -15.3 | -15.0 | -14.4 | -14.0 | -14.0 | -13.9 | -14.0 |
| 28 | -21.2 | -21.2 | -22.3 | -22.1 | -22.2 | -20.8 | -20.0 | -19.4 | -18.3 | -17.4 | -17.1 | -17.1 | -16.1 | -16.0 |
| 29 | -26.9 | -27.4 | -26.0 | -25.0 | -23.2 | -22.2 | -21.6 | -20.4 | -19.7 | -18.5 | -18.3 | -17.4 | -17.2 | -17.1 |
| 30 | -19.4 | -19.6 | -19.4 | -19.3 | -19.2 | -18.6 | -17.9 | -18.1 | -18.0 | -17.6 | -17.4 | -17.4 | -16.5 | -16.1 |
| Среднее Mittel | -23.58 | -23.82 | -23.99 | **-24.07** | -23.82 | -23.17 | -22.18 | -21.28 | -20.36 | -19.66 | -19.23 | -18.85 | -18.12 | -17.84 |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -21.8 | -23.2 | -25.6 | -26.0 | -27.6 | -27.2 | -28.2 | -28.7 | -29.0 | -28.9 | -26.01 | -21.7 | -29.0 | 7.3 |
| 2 | -25.3 | -25.4 | -26.0 | -27.0 | -29.2 | -30.0 | -31.8 | -31.6 | -32.2 | -32.6 | -28.90 | -25.3 | -32.6 | 7.3 |
| 3 | -21.8 | -22.3 | -22.6 | -22.6 | -23.1 | -23.2 | -23.6 | -24.8 | -25.0 | -24.6 | -26.33 | -21.8 | **-32.8** | 11.0 |
| 4 | -18.3 | -17.9 | -20.2 | -22.2 | -24.1 | -24.8 | -26.8 | -26.9 | -28.8 | -30.0 | -22.47 | -17.9 | -30.0 | 12.1 |
| 5 | -24.5 | -25.0 | -26.2 | -27.5 | -29.0 | -31.1 | -30.9 | -31.7 | -32.1 | -31.3 | **-29.23** | -24.5 | -32.6 | 8.1 |
| 6 | -24.6 | -24.4 | -24.5 | -26.6 | -26.5 | -27.4 | -28.0 | -28.2 | -27.1 | -26.2 | -28.37 | -24.4 | -32.7 | 8.3 |
| 7 | -18.2 | -18.6 | -18.6 | -18.3 | -17.7 | -17.3 | -17.3 | -17.1 | -16.4 | -15.6 | -18.78 | -15.6 | -25.0 | 9.4 |
| 8 | -13.1 | -13.8 | -14.6 | -15.4 | -16.2 | -16.4 | -16.4 | -16.7 | -16.7 | -16.5 | -14.61 | -12.6 | -16.7 | 4.1 |
| 9 | -10.4 | -10.4 | -10.7 | -10.6 | -10.2 | -10.8 | -10.8 | -10.9 | -11.2 | -11.5 | **-13.08** | **-10.2** | -17.7 | 7.5 |
| 10 | -18.8 | -19.5 | -20.4 | -22.0 | -24.1 | -25.9 | -27.1 | -27.5 | -28.5 | -28.9 | -19.66 | -11.1 | -28.9 | 17.8 |
| 11 | -22.7 | -22.5 | -22.5 | -21.7 | -21.8 | -22.2 | -23.3 | -22.2 | -21.5 | -20.7 | -25.25 | -20.7 | -30.9 | 10.2 |
| 12 | -17.9 | -17.6 | -16.8 | -16.6 | -16.2 | -17.5 | -17.4 | -17.4 | -18.8 | -20.1 | -18.66 | -16.2 | -20.4 | 4.2 |
| 13 | -15.4 | -14.8 | -13.9 | -13.8 | -14.2 | -13.8 | -13.9 | -14.6 | -13.6 | -17.4 | -17.88 | -13.6 | -25.9 | 12.3 |
| 14 | -13.1 | -13.5 | -11.4 | -10.9 | -11.4 | -12.2 | -13.2 | -13.8 | -14.0 | -15.2 | -14.50 | -10.9 | -16.8 | 5.9 |
| 15 | -17.2 | -18.0 | -21.4 | -22.7 | -25.4 | -26.9 | -27.2 | -28.6 | -28.6 | -28.0 | -19.32 | -13.9 | -28.6 | 14.7 |
| 16 | -19.3 | -19.2 | -19.8 | -19.4 | -18.0 | -18.5 | -18.4 | -18.9 | -19.9 | -21.4 | -22.27 | -18.0 | -28.4 | 10.4 |
| 17 | -16.9 | -18.3 | -19.8 | -21.4 | -23.2 | -24.5 | -25.7 | -26.7 | -27.7 | -28.4 | -20.51 | -15.0 | -28.4 | 13.4 |
| 18 | -15.1 | -15.7 | -16.4 | -17.6 | -19.2 | -20.3 | -22.5 | -22.4 | -22.4 | -24.4 | -22.34 | -15.1 | -30.0 | 14.9 |
| 19 | -16.2 | -16.2 | -17.4 | -18.7 | -20.7 | -22.1 | -23.8 | -24.6 | -26.6 | -26.4 | -21.44 | -16.2 | -26.6 | 10.4 |
| 20 | -14.5 | -14.7 | -15.4 | -16.7 | -17.4 | -19.2 | -20.5 | -21.4 | -21.5 | -22.2 | -21.30 | -14.5 | -29.4 | 14.9 |
| 21 | -16.3 | -16.4 | -16.9 | -17.8 | -18.8 | -20.5 | -22.0 | -23.0 | -24.0 | -25.1 | -20.01 | -16.3 | -25.1 | 8.8 |
| 22 | -19.1 | -18.9 | -19.3 | -19.8 | -21.4 | -23.4 | -24.9 | -25.5 | -26.6 | -26.8 | -23.01 | -18.9 | -27.1 | 8.2 |
| 23 | -17.5 | -16.8 | -16.4 | -16.3 | -17.9 | -20.5 | -21.8 | -19.6 | -22.8 | -24.4 | -22.13 | -16.3 | -28.5 | 12.2 |
| 24 | -16.2 | -16.6 | -16.8 | -17.4 | -17.8 | -18.6 | -19.1 | -19.6 | -21.0 | -22.0 | -20.53 | -16.2 | -26.1 | 9.9 |
| 25 | -17.4 | -17.3 | -18.0 | -18.9 | -20.0 | -21.2 | -22.4 | -23.4 | -24.0 | -24.7 | -20.28 | -17.3 | -24.7 | 7.4 |
| 26 | -15.1 | -15.3 | -15.2 | -14.6 | -14.8 | -15.3 | -15.0 | -15.5 | -16.0 | -16.7 | -18.12 | -14.6 | -25.8 | 11.2 |
| 27 | -14.4 | -15.4 | -15.8 | -16.6 | -18.1 | -19.0 | -19.8 | -20.4 | -20.8 | -21.0 | -16.59 | -13.9 | -21.0 | 7.1 |
| 28 | -16.0 | -16.1 | -16.5 | -17.7 | -18.6 | -19.6 | -22.5 | -24.1 | -25.8 | -25.8 | -19.75 | -16.0 | -25.8 | 9.8 |
| 29 | -16.6 | -17.1 | -17.2 | -17.8 | -18.6 | -19.7 | -19.5 | -19.9 | -20.0 | -19.9 | -20.30 | -16.6 | -27.4 | 10.8 |
| 30 | -16.3 | -16.3 | -16.2 | -16.1 | -17.2 | -16.6 | -15.9 | -15.6 | -15.8 | -16.1 | -17.36 | -15.6 | -19.6 | 4.0 |
| Среднее Mittel | **-17.67** | -17.91 | -18.42 | -19.02 | -19.95 | -20.86 | -21.66 | -22.04 | -22.61 | -23.09 | -20.97 | -16.70 | -26.48 | 9.78 |

# Температура воздуха.

**Май 1883.**

Высота термометра надъ землею / Höhe des Thermometers über dem Boden } 2.4$^{m}$

Среднее мѣстное время. / Mittlere Ortszeit.



# Temperatur der Luft.

**Mai 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -16.2 | -16.2 | -16.1 | -16.1 | -16.0 | -15.7 | -15.3 | -15.1 | -15.1 | -15.1 | -14.9 | -14.7 | -14.4 | -14.4 |
| 2 | -21.2 | -21.4 | -20.4 | -18.2 | -15.6 | -13.6 | -11.4 | -9.8 | -8.6 | -8.2 | -7.6 | -7.4 | -6.6 | -6.1 |
| 3 | -16.6 | -15.6 | -15.2 | -14.3 | -13.6 | -12.9 | -12.0 | -10.7 | -9.8 | -10.4 | -12.0 | -12.9 | -12.1 | -12.4 |
| 4 | -24.2 | -21.8 | -20.2 | -19.2 | -19.5 | -20.3 | -19.4 | -18.3 | -16.8 | -15.4 | -14.4 | -13.5 | -13.2 | -12.7 |
| 5 | -19.7 | -20.9 | -20.6 | -19.2 | -16.4 | -14.6 | -13.4 | -13.4 | -12.7 | -12.5 | -12.7 | -12.7 | -13.0 | -12.9 |
| 6 | -18.0 | -16.7 | -15.5 | -14.4 | -13.8 | -13.6 | -13.0 | -11.5 | -10.9 | -10.7 | -11.3 | -11.5 | -11.1 | -11.1 |
| 7 | -14.4 | -14.2 | -14.4 | -14.9 | -16.3 | -15.5 | -14.6 | -14.2 | -13.5 | -13.1 | -12.7 | -12.8 | -12.3 | -11.4 |
| 8 | -6.9 | -7.1 | -6.6 | -6.2 | -5.8 | -5.8 | -5.6 | -5.2 | -4.8 | -5.0 | -5.7 | -6.4 | -6.3 | -6.0 |
| 9 | -13.6 | -14.0 | -14.1 | -16.2 | -13.4 | -12.0 | -10.4 | -9.7 | -8.8 | -7.7 | -8.2 | -8.4 | -8.1 | -8.3 |
| 10 | -18.6 | -19.2 | -16.7 | -17.5 | -18.6 | -20.4 | -18.5 | -17.2 | -17.2 | -17.4 | -15.6 | -16.1 | -15.1 | -15.0 |
| 11 | -19.0 | -19.0 | -19.1 | -19.4 | -20.5 | -18.4 | -17.5 | -15.7 | -14.6 | -13.6 | -13.6 | -13.4 | -13.3 | -13.3 |
| 12 | -16.6 | -16.4 | -16.8 | -16.8 | -16.3 | -15.9 | -15.4 | -15.4 | -14.2 | -12.8 | -12.6 | -11.8 | -11.2 | -10.7 |
| 13 | -13.6 | -13.0 | -12.6 | -12.0 | -12.4 | -14.3 | -14.7 | -13.0 | -11.7 | -11.0 | -10.8 | -10.4 | -10.4 | -10.0 |
| 14 | -13.7 | -14.6 | -14.5 | -14.4 | -13.8 | -13.6 | -13.0 | -12.5 | -11.8 | -10.6 | -10.2 | -9.5 | -8.0 | -8.3 |
| 15 | -10.7 | -10.8 | -10.9 | -10.7 | -10.4 | -10.0 | -9.6 | -9.1 | -8.9 | -8.2 | -7.8 | -7.4 | -7.0 | -7.2 |
| 16 | -5.0 | -5.1 | -5.8 | -5.4 | -5.6 | -4.8 | -3.3 | -2.7 | -2.2 | -1.9 | -1.9 | -1.9 | -1.8 | -2.6 |
| 17 | -5.1 | -5.2 | -5.4 | -5.5 | -5.1 | -5.4 | -5.2 | -4.9 | -4.8 | -4.9 | -4.7 | -4.4 | -3.0 | -2.9 |
| 18 | -8.2 | -8.8 | -9.5 | -9.9 | -9.6 | -9.3 | -8.7 | -8.4 | -7.8 | -7.2 | -7.3 | -7.2 | -6.1 | -5.3 |
| 19 | -6.0 | -5.9 | -5.6 | -5.5 | -4.7 | -3.9 | -4.1 | -5.0 | -4.4 | -4.1 | -3.7 | -3.9 | -4.7 | -4.8 |
| 20 | -4.1 | -5.2 | -5.8 | -5.9 | -5.7 | -5.0 | -4.0 | -4.0 | -3.9 | -3.9 | -3.6 | -3.7 | -3.5 | -4.4 |
| 21 | -14.6 | -15.0 | -14.1 | -13.2 | -11.0 | -8.9 | -7.3 | -5.3 | -3.9 | -2.5 | -1.6 | -1.5 | -1.1 | -0.9 |
| 22 | -8.9 | -8.8 | -9.0 | -8.4 | -8.0 | -8.0 | -7.2 | -4.5 | -5.2 | -5.6 | -4.8 | -5.0 | -4.5 | -3.6 |
| 23 | -7.0 | -7.6 | -8.1 | -8.1 | -9.3 | -8.8 | -8.5 | -8.6 | -8.0 | -7.6 | -6.8 | -6.7 | -7.1 | -8.4 |
| 24 | -13.1 | -14.4 | -15.1 | -15.1 | -16.0 | -14.9 | -13.1 | -11.8 | -10.8 | -10.2 | -10.0 | -9.9 | -9.1 | -8.7 |
| 25 | -12.1 | -13.2 | -11.8 | -11.3 | -12.0 | -11.2 | -10.2 | -8.3 | -7.0 | -6.8 | -5.9 | -5.2 | -4.8 | -5.2 |
| 26 | -8.4 | -7.8 | -7.7 | -7.4 | -6.9 | -6.6 | -5.9 | -5.1 | -3.9 | -3.1 | -2.5 | -2.3 | -1.9 | -1.7 |
| 27 | -3.7 | -3.8 | -3.8 | -3.5 | -3.3 | -2.8 | -2.0 | -2.0 | -1.9 | -1.6 | -0.9 | -1.7 | -2.1 | -1.9 |
| 28 | -1.9 | -1.7 | -0.9 | -0.8 | -0.7 | -0.7 | -0.4 | -0.1 | +0.3 | +0.7 | +1.1 | +1.7 | +1.6 | +2.3 |
| 29 | +0.6 | +0.8 | +1.0 | +1.0 | +1.3 | +3.3 | +2.4 | +2.2 | +2.0 | +3.0 | +3.0 | +1.7 | +1.0 | +1.9 |
| 30 | -0.2 | -0.6 | -0.9 | -1.6 | -2.0 | -2.7 | -2.8 | -2.9 | -2.9 | -2.8 | -2.5 | -1.9 | -1.3 | -1.9 |
| 31 | -5.5 | -5.5 | -5.4 | -5.2 | -4.9 | -4.5 | -4.1 | -3.4 | -2.7 | -2.0 | -1.8 | -1.1 | -1.1 | -2.6 |
| Среднее Mittel | -11.17 | **-11.25** | -11.02 | -10.82 | -10.51 | -10.03 | -9.30 | -8.57 | -7.95 | -7.49 | -7.23 | -7.16 | -6.83 | -6.83 |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средніія. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -14.2 | -13.6 | -12.8 | -12.8 | -13.6 | -14.0 | -14.1 | -17.7 | -20.1 | -21.4 | -15.40 | -12.8 | -21.4 | 8.6 |
| 2 | -5.2 | -5.2 | -6.6 | -9.2 | -10.0 | -10.4 | -13.2 | -16.9 | -18.5 | -18.2 | -12.06 | -5.2 | -21.4 | 16.2 |
| 3 | -12.4 | -13.1 | -12.9 | -13.7 | -15.4 | -16.5 | -18.2 | -19.9 | -21.6 | -23.0 | -14.47 | -9.8 | -23.0 | 13.2 |
| 4 | -12.6 | -12.6 | -13.4 | -15.3 | -16.4 | -15.9 | -14.9 | -15.6 | -15.7 | -18.9 | -16.68 | -12.6 | **-24.2** | 11.6 |
| 5 | -12.5 | -12.8 | -13.0 | -13.1 | -13.0 | -13.2 | -13.8 | -14.5 | -14.9 | -16.5 | -14.67 | -12.5 | -20.9 | 8.4 |
| 6 | -11.4 | -11.6 | -12.2 | -12.2 | -12.5 | -12.9 | -13.5 | -13.6 | -13.8 | -14.1 | -12.95 | -10.7 | -18.0 | 7.3 |
| 7 | -12.3 | -12.1 | -11.0 | -10.6 | -10.6 | -10.4 | -10.0 | -9.5 | -9.3 | -8.6 | -12.45 | -8.6 | -16.3 | 7.7 |
| 8 | -6.5 | -7.0 | -8.0 | -8.4 | -9.2 | -10.2 | -9.5 | -9.7 | -11.4 | -13.4 | -7.36 | -4.8 | -13.4 | 8.6 |
| 9 | -8.8 | -9.2 | -10.4 | -11.1 | -12.9 | -14.9 | -18.9 | -21.0 | -21.7 | -19.4 | -12.55 | -7.7 | -21.7 | 14.0 |
| 10 | -14.9 | -14.4 | -14.8 | -15.7 | -16.6 | -18.3 | -19.4 | -20.4 | -21.0 | -19.6 | **-17.43** | -14.4 | -21.0 | 6.6 |
| 11 | -13.8 | -14.2 | -14.7 | -15.4 | -16.0 | -16.6 | -17.4 | -17.6 | -17.0 | -16.4 | -16.23 | -13.3 | -20.5 | 7.2 |
| 12 | -10.4 | -10.9 | -12.1 | -11.8 | -13.3 | -12.8 | -12.7 | -12.9 | -12.7 | -12.9 | -13.56 | -10.4 | -16.8 | 6.4 |
| 13 | -9.8 | -10.3 | -11.2 | -11.4 | -11.7 | -12.2 | -12.0 | -11.5 | -11.4 | -12.2 | -11.82 | -9.8 | -14.7 | 4.9 |
| 14 | -8.5 | -8.8 | -8.9 | -8.8 | -9.0 | -9.2 | -9.4 | -10.1 | -10.3 | -10.4 | -10.91 | -8.0 | -14.6 | 6.6 |
| 15 | -7.1 | -7.0 | -6.6 | -6.3 | -6.0 | -5.7 | -5.6 | -5.5 | -5.3 | -5.2 | -7.88 | -5.2 | -10.9 | 5.7 |
| 16 | -3.2 | -3.6 | -3.1 | -1.6 | -2.0 | -2.3 | -3.0 | -3.5 | -3.9 | -4.8 | -3.38 | -1.8 | -5.8 | 4.0 |
| 17 | -3.3 | -2.8 | -2.9 | -3.3 | -3.8 | -4.4 | -5.0 | -5.9 | -6.8 | -7.7 | -4.68 | -2.8 | -7.7 | 4.9 |
| 18 | -4.9 | -4.4 | -4.4 | -4.8 | -4.9 | -5.2 | -5.6 | -6.0 | -6.1 | -6.1 | -6.90 | -4.4 | -9.9 | 5.5 |
| 19 | -4.2 | -3.5 | -3.3 | -3.0 | -2.8 | -3.4 | -2.4 | -2.7 | -5.0 | -3.1 | -4.15 | -2.4 | -6.0 | 3.6 |
| 20 | -3.5 | -2.7 | -4.3 | -5.6 | -5.7 | -6.8 | -7.2 | -10.4 | -12.0 | -13.8 | -5.61 | -2.7 | -13.8 | 11.1 |
| 21 | -0.9 | -1.9 | -1.3 | -1.2 | -0.9 | -3.4 | -5.1 | -5.9 | -7.8 | -8.7 | -5.75 | -0.9 | -15.0 | 14.1 |
| 22 | -2.8 | -2.7 | -3.2 | -3.3 | -3.5 | -3.9 | -5.6 | -5.5 | -6.0 | -6.4 | -5.60 | -2.7 | -9.0 | 6.3 |
| 23 | -9.0 | -9.9 | -10.4 | -10.4 | -10.6 | -10.6 | -10.8 | -11.0 | -11.2 | -11.4 | -9.00 | -6.7 | -11.4 | 4.7 |
| 24 | -8.6 | -8.2 | -7.8 | -7.0 | -8.6 | -9.7 | -12.5 | -14.0 | -14.5 | -12.8 | -11.50 | -7.0 | -16.0 | 9.0 |
| 25 | -6.0 | -6.4 | -7.1 | -8.0 | -8.7 | -9.2 | -9.0 | -8.6 | -8.6 | -8.3 | -8.54 | -4.8 | -13.2 | 8.4 |
| 26 | -1.3 | -1.6 | -2.0 | -2.5 | -2.9 | -3.3 | -3.7 | -3.9 | -3.9 | -3.8 | -4.17 | -1.3 | -8.4 | 7.1 |
| 27 | -1.7 | -2.7 | -3.1 | -2.9 | -3.3 | -3.4 | -3.3 | -3.1 | -3.1 | -2.6 | -2.68 | -0.9 | -3.8 | 2.9 |
| 28 | +3.3 | +2.4 | +2.0 | +1.8 | +1.9 | +1.3 | +1.0 | +1.0 | +0.7 | +0.6 | +0.69 | **+3.3** | -1.9 | 5.2 |
| 29 | +1.7 | +1.5 | +0.9 | +0.4 | +0.3 | +0.3 | +0.1 | +0.2 | +0.1 | 0.0 | **+1.28** | **+3.3** | 0.0 | 3.3 |
| 30 | -2.3 | -2.3 | -2.5 | -1.5 | -4.1 | -6.6 | -7.9 | -9.8 | -9.4 | -5.8 | -3.30 | -0.2 | -9.8 | 9.6 |
| 31 | -2.2 | -2.3 | -2.4 | -2.3 | -2.9 | -3.5 | -4.4 | -4.8 | -5.2 | -5.5 | -3.55 | -1.1 | -5.5 | 4.4 |
| Среднее Mittel | **-6.75** | -6.90 | -7.21 | -7.45 | -8.02 | -8.62 | -9.26 | -10.01 | -10.56 | -10.66 | -8.81 | -5.77 | -13.42 | 7.65 |

**Іюнь 1883.** / **Juni 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -6.0 | -5.9 | -5.7 | -5.4 | -5.0 | -4.9 | -4.8 | -3.9 | -3.7 | -3.6 | -3.0 | -3.9 | -2.3 | -3.2 |
| 2 | -7.9 | -7.2 | -6.6 | -6.2 | -5.6 | -5.3 | -5.0 | -4.5 | -3.9 | -1.4 | -0.5 | -0.9 | -1.7 | -0.6 |
| 3 | -4.4 | -5.2 | -6.0 | -5.0 | -4.8 | -5.1 | -4.7 | -3.7 | -4.1 | -3.3 | -2.6 | -1.4 | -0.7 | -0.5 |
| 4 | +0.1 | +0.2 | -0.7 | -0.5 | -0.1 | -0.5 | +0.7 | +0.2 | +0.5 | +0.6 | +0.5 | +0.5 | +0.7 | +0.7 |
| 5 | -4.3 | -4.6 | -4.8 | -5.0 | -5.2 | -4.8 | -4.6 | -4.9 | -4.9 | -4.8 | -4.7 | -4.7 | -4.1 | -3.9 |
| 6 | -5.7 | -5.2 | -4.7 | -4.7 | -5.0 | -3.1 | -2.3 | -2.6 | -1.8 | -1.7 | -2.1 | -1.5 | -1.1 | -1.3 |
| 7 | -4.1 | -4.3 | -5.3 | -5.0 | -5.0 | -4.4 | -4.2 | -4.1 | -3.5 | -2.7 | -2.3 | -1.6 | -1.7 | -1.3 |
| 8 | -5.8 | -5.6 | -5.4 | -5.0 | -4.3 | -3.4 | -3.3 | -3.0 | -2.7 | -2.7 | -2.3 | -2.2 | -2.0 | -1.7 |
| 9 | -5.4 | -5.4 | -5.2 | -5.0 | -5.0 | -4.4 | -3.7 | -3.2 | -2.8 | -2.5 | -2.3 | -1.7 | -1.8 | -1.6 |
| 10 | -3.4 | -3.3 | -3.3 | -3.1 | -2.9 | -2.8 | -2.6 | -1.7 | -0.5 | +0.1 | +0.7 | +1.0 | +0.9 | +0.9 |
| 11 | 0.0 | 0.0 | +0.2 | +0.1 | +0.5 | +0.2 | -1.1 | -0.5 | +0.2 | +0.7 | +0.7 | +0.5 | +0.5 | +0.7 |
| 12 | -2.3 | -2.1 | -2.8 | -2.4 | -1.3 | -1.8 | -0.7 | -0.3 | +0.2 | +0.1 | -0.5 | 0.0 | +0.9 | +1.4 |
| 13 | -1.3 | -1.5 | -1.5 | -1.4 | -1.5 | -1.1 | -0.9 | +0.1 | -0.2 | +0.3 | +0.3 | +0.7 | +0.7 | +0.7 |
| 14 | -0.1 | -0.2 | -0.3 | -0.4 | -0.3 | -0.3 | +0.2 | +0.5 | +1.1 | +1.5 | +1.8 | +1.8 | +3.8 | +4.5 |
| 15 | +0.3 | +0.3 | +0.7 | +1.0 | +1.0 | +1.0 | +1.3 | +1.2 | +1.5 | +1.4 | +1.5 | +1.9 | +2.1 | +1.7 |
| 16 | -2.1 | -2.0 | -2.3 | -2.1 | -1.4 | -0.9 | +0.1 | -0.4 | +0.1 | +0.8 | +1.1 | +0.9 | +0.3 | +0.3 |
| 17 | -0.3 | 0.0 | +0.1 | +0.3 | +0.4 | +0.3 | +0.2 | +0.5 | +0.4 | +0.1 | +0.3 | +0.5 | +0.7 | +0.7 |
| 18 | +0.4 | +0.3 | +0.3 | +0.3 | +0.5 | +0.7 | +0.8 | +0.7 | +0.7 | +1.2 | +1.4 | +1.6 | +1.5 | +1.5 |
| 19 | -0.1 | -0.1 | -0.3 | -0.1 | 0.0 | +0.1 | +0.4 | +0.5 | +1.3 | +1.5 | +3.0 | +3.5 | +3.1 | +3.5 |
| 20 | -1.2 | -1.0 | -0.7 | -0.3 | -0.1 | -0.1 | +0.2 | +0.3 | +0.9 | +0.9 | +1.3 | +0.9 | +0.9 | +0.9 |
| 21 | -1.0 | -1.1 | -0.5 | -0.3 | +0.2 | +0.1 | +0.7 | +0.5 | +0.8 | +1.0 | +1.0 | +1.1 | +0.9 | +0.9 |
| 22 | -0.2 | -0.2 | -0.2 | 0.0 | -0.3 | +0.2 | +0.7 | +1.1 | +1.6 | +1.6 | +1.9 | +2.1 | +2.1 | +2.0 |
| 23 | +0.9 | +1.2 | +1.3 | +0.7 | +0.6 | +0.5 | +1.2 | +1.6 | +1.7 | +1.7 | +2.0 | +2.1 | +2.3 | +2.7 |
| 24 | +3.5 | +3.7 | +3.9 | +4.2 | +4.3 | +4.9 | +3.3 | +2.5 | +2.4 | +3.1 | +5.3 | +5.2 | +5.7 | +6.1 |
| 25 | +4.7 | +4.7 | +5.0 | +5.1 | +5.3 | +5.8 | +6.5 | +6.9 | +8.4 | +8.1 | +8.1 | +8.4 | +8.8 | +8.1 |
| 26 | +3.9 | +3.8 | +3.8 | +3.5 | +4.7 | +3.0 | +3.9 | +3.9 | +3.8 | +4.1 | +5.4 | +6.5 | +8.2 | +7.8 |
| 27 | +6.5 | +6.1 | +6.2 | +6.8 | +7.7 | +8.1 | +8.9 | +8.8 | +8.5 | +8.3 | +7.9 | +8.2 | +8.1 | +8.6 |
| 28 | +6.9 | +7.2 | +6.9 | +7.5 | +6.9 | +7.2 | +7.0 | +6.1 | +7.1 | +7.3 | +7.8 | +7.2 | +7.8 | +8.3 |
| 29 | +7.5 | +6.9 | +6.9 | +7.1 | +6.9 | +8.1 | +9.0 | +9.1 | +8.9 | +8.7 | +8.7 | +8.7 | +8.9 | +8.1 |
| 30 | +3.1 | +3.1 | +3.1 | +3.2 | +3.5 | +3.4 | +3.5 | +3.5 | +3.3 | +3.8 | +3.6 | +3.7 | +3.6 | +3.7 |
| Среднее Mittel | -0.59 | -0.58 | **-0.60** | -0.40 | -0.18 | +0.02 | +0.35 | +0.51 | +0.84 | +1.14 | +1.47 | +1.64 | +1.90 | **+1.99** |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средніія. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -3.0 | -4.3 | -5.2 | -5.3 | -5.5 | -6.6 | -10.0 | -12.6 | -12.2 | -8.4 | **-5.60** | -2.3 | **-12.6** | 10.3 |
| 2 | -2.1 | -2.9 | -3.1 | -2.8 | -4.4 | -4.5 | -3.8 | -5.6 | -5.4 | -4.8 | -4.03 | -0.5 | -7.9 | 7.4 |
| 3 | +0.3 | +0.6 | +0.7 | +1.0 | +0.5 | +0.7 | +3.3 | +2.0 | +1.5 | +0.2 | -1.70 | +3.3 | -6.0 | 9.3 |
| 4 | +0.1 | -1.2 | -2.3 | -2.9 | -3.3 | -3.6 | -3.9 | -3.9 | -4.0 | -4.2 | -1.10 | +0.7 | -4.2 | 4.9 |
| 5 | -3.9 | -3.7 | -3.7 | -4.1 | -4.4 | -4.9 | -4.6 | -5.1 | -5.3 | -5.6 | -4.61 | -3.7 | -5.6 | 1.9 |
| 6 | -1.1 | -1.0 | -1.3 | -1.5 | -2.0 | -2.5 | -3.2 | -3.5 | -3.6 | -3.9 | -2.77 | -1.0 | -5.7 | 4.7 |
| 7 | -1.3 | -1.9 | -2.4 | -2.6 | -2.5 | -2.7 | -2.1 | -4.4 | -5.3 | -5.3 | -3.33 | -1.3 | -5.3 | 4.0 |
| 8 | -1.7 | -1.7 | -1.7 | -1.9 | -2.3 | -2.9 | -3.7 | -4.4 | -5.0 | -5.3 | -3.33 | -1.7 | -5.8 | 4.1 |
| 9 | -1.5 | -1.7 | -2.1 | -2.4 | -2.7 | -3.2 | -3.2 | -3.1 | -3.3 | -3.3 | -3.19 | -1.5 | -5.4 | 3.9 |
| 10 | +1.1 | +2.0 | +2.2 | +2.3 | +1.1 | +1.5 | +0.7 | +0.6 | +0.3 | +0.1 | -0.34 | +2.3 | -3.4 | 5.7 |
| 11 | +0.5 | 0.0 | -0.5 | -0.7 | -1.0 | -1.2 | -1.3 | -1.3 | -1.8 | -1.9 | -0.27 | +0.7 | -1.9 | 2.6 |
| 12 | +2.5 | +1.6 | +0.7 | +0.3 | 0.0 | -0.3 | -0.5 | -0.5 | -0.8 | -1.0 | -0.40 | +2.5 | -2.8 | 5.3 |
| 13 | +1.0 | +0.8 | +0.8 | +0.8 | +0.4 | +0.3 | +0.1 | 0.0 | -0.1 | -0.1 | -0.11 | +1.0 | -1.5 | 2.5 |
| 14 | +3.8 | +4.2 | +2.4 | +1.1 | +2.1 | +1.7 | +3.1 | +0.5 | +0.5 | +0.4 | +1.39 | +4.5 | -0.4 | 4.9 |
| 15 | +1.7 | +1.5 | +0.7 | +0.4 | +0.2 | 0.0 | -0.3 | -1.1 | -1.7 | -1.9 | +0.68 | +2.1 | -1.9 | 4.0 |
| 16 | +0.6 | +0.8 | +0.8 | +0.5 | +0.1 | 0.0 | -0.3 | -0.4 | -0.4 | -0.3 | -0.26 | +1.1 | -2.3 | 3.4 |
| 17 | +0.8 | +0.7 | +0.7 | +0.6 | +0.7 | +0.6 | +0.5 | +0.5 | +0.4 | +0.4 | +0.42 | +0.8 | -0.3 | 1.1 |
| 18 | +2.0 | +1.8 | +1.9 | +1.8 | +1.5 | +1.2 | +0.7 | +0.3 | 0.0 | -0.3 | +0.95 | +2.0 | -0.3 | 2.3 |
| 19 | +3.1 | +2.7 | +1.8 | +0.9 | +0.3 | -0.2 | -0.5 | -0.8 | -1.0 | -1.1 | +0.90 | +3.5 | -1.1 | 4.6 |
| 20 | +0.6 | +0.6 | +0.5 | +0.1 | -0.1 | -0.2 | -0.1 | +0.3 | -0.4 | -0.8 | +0.13 | +1.3 | -1.2 | 2.5 |
| 21 | +0.8 | +0.6 | +0.5 | +0.3 | 0.0 | +0.1 | -0.5 | -0.7 | -0.7 | -0.6 | +0.17 | +1.1 | -1.1 | 2.2 |
| 22 | +1.9 | +1.4 | +1.4 | +1.7 | +2.1 | +1.9 | +1.5 | +1.1 | +0.8 | +0.9 | +1.13 | +2.1 | -0.3 | 2.4 |
| 23 | +2.7 | +2.6 | +2.5 | +2.5 | +2.6 | +2.6 | +2.9 | +2.6 | +3.0 | +3.6 | +2.00 | +3.6 | +0.5 | 3.1 |
| 24 | +6.8 | +9.6 | +9.7 | +8.3 | +9.2 | +7.2 | +6.7 | +5.7 | +5.2 | +5.0 | +5.48 | +9.7 | +2.4 | 7.3 |
| 25 | +7.7 | +8.0 | +7.9 | +8.0 | +7.3 | +6.6 | +5.7 | +4.9 | +4.9 | +4.2 | +6.63 | +8.8 | +4.2 | 4.6 |
| 26 | +7.0 | +6.6 | +6.7 | +6.2 | +5.9 | +5.8 | +6.0 | +6.4 | +6.3 | +6.3 | +5.40 | +8.2 | +3.0 | 5.2 |
| 27 | +8.7 | +8.9 | +9.0 | +9.5 | +9.3 | +10.2 | +12.5 | +8.7 | +7.7 | +7.1 | **+8.35** | **+12.5** | +6.1 | 6.4 |
| 28 | +8.4 | +8.1 | +8.7 | +9.4 | +8.2 | +7.9 | +8.5 | +8.5 | +7.7 | +7.7 | +7.68 | +9.4 | +6.1 | 3.3 |
| 29 | +7.2 | +6.9 | +6.7 | +5.7 | +4.8 | +4.0 | +3.1 | +3.2 | +3.1 | +2.8 | +6.71 | +9.1 | +2.8 | 6.3 |
| 30 | +3.8 | +3.9 | +4.3 | +5.1 | +5.5 | +5.5 | +4.5 | +4.5 | +4.2 | +3.7 | +3.88 | +5.5 | +3.1 | 2.4 |
| Среднее Mittel | +1.95 | +1.85 | +1.61 | +1.41 | +1.12 | +0.83 | +0.73 | +0.08 | -0.18 | -0.21 | +0.70 | +2.79 | -1.63 | 4.42 |

# Температура воздуха.

Высота термометра надъ землею / Höhe des Thermometers über dem Boden } 2.4м

Среднее мѣстное время. / Mittlere Ortszeit.

## Июль 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточная средняя. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 3.3 | + 2.8 | + 2.8 | + 2.5 | + 2.5 | + 2.6 | + 2.7 | + 2.5 | + 2.5 | + 2.6 | + 3.2 | + 3.6 | + 3.0 | + 3.4 | + 3.3 | + 3.3 | + 3.4 | + 3.5 | + 3.6 | + 3.6 | + 3.3 | + 3.4 | + 3.3 | + 2.9 | + 3.07 | + 3.6 | + 2.5 | 1.1 |
| 2 | + 3.0 | + 3.1 | + 2.9 | + 2.6 | + 2.5 | + 3.5 | + 5.1 | + 4.7 | + 6.4 | + 6.9 | + 6.1 | + 5.8 | + 4.5 | | + 4.3 | + 4.3 | + 4.3 | + 4.8 | + 4.0 | + 4.5 | + 3.4 | + 2.9 | + 2.6 | + 2.3 | + 4.00 | + 6.9 | + 2.3 | 4.6 |
| 3 | + 2.2 | + 2.1 | + 2.3 | + 2.7 | + 3.3 | + 3.9 | + 4.0 | + 4.1 | + 4.5 | + 4.8 | + 5.5 | + 6.1 | + 6.1 | + 6.7 | + 6.8 | + 6.8 | + 6.9 | + 6.7 | + 6.3 | + 5.7 | + 5.4 | + 4.8 | + 4.3 | + 4.2 | + 4.84 | + 6.9 | + 2.1 | 4.8 |
| 4 | + 3.9 | + 3.5 | + 4.3 | + 3.2 | + 3.3 | + 3.6 | + 3.8 | + 4.1 | + 4.4 | + 5.6 | + 6.7 | + 7.2 | + 7.1 | | + 7.6 | + 6.8 | + 6.7 | + 5.9 | + 5.1 | + 4.3 | + 3.7 | + 3.1 | + 2.5 | + 2.0 | + 4.67 | + 7.6 | + 2.0 | 5.6 |
| 5 | + 0.9 | — 0.2 | + 0.1 | — 0.1 | + 0.9 | + 2.3 | + 3.5 | + 4.3 | + 5.1 | + 5.7 | + 5.9 | + 5.9 | + 5.9 | + 5.7 | + 5.0 | + 4.5 | + 3.4 | + 2.5 | + 2.1 | + 1.8 | + 1.5 | + 1.1 | + 1.3 | + 1.5 | + 2.94 | + 5.9 | — **0.2** | 6.1 |
| 6 | + 1.8 | + 1.4 | + 0.8 | + 0.3 | + 0.5 | + 1.1 | + 2.3 | + 3.3 | + 4.6 | + 5.9 | + 6.9 | + 8.0 | + 8.4 | + 8.9 | + 8.6 | + 8.5 | + 8.5 | + 8.4 | + 6.9 | + 7.5 | + 6.3 | + 5.5 | + 5.3 | + 4.6 | + 5.18 | + 8.9 | + 0.3 | 8.6 |
| 7 | + 4.7 | + 4.9 | + 4.7 | + 4.9 | + 5.8 | + 6.5 | + 7.1 | + 7.5 | + 8.1 | + 8.5 | + 8.9 | + 9.1 | + 9.5 | + 9.6 | + 9.9 | + 9.9 | + 9.7 | + 9.3 | + 8.9 | + 8.1 | + 7.3 | + 6.7 | + 6.4 | + 6.0 | + 7.58 | + 9.9 | + 4.7 | 5.2 |
| 8 | + 5.9 | + 6.1 | + 6.1 | + 7.1 | + 7.3 | + 7.8 | + 7.7 | + 7.8 | + 7.9 | + 8.5 | + 9.1 | + 9.7 | + 9.9 | + 9.9 | + 9.8 | + 9.6 | + 9.9 | + 9.3 | + 8.9 | + 8.4 | + 8.0 | + 7.7 | + 7.7 | + 7.3 | + 8.23 | + 9.9 | + 5.9 | 4.0 |
| 9 | + 6.8 | + 6.4 | + 6.2 | + 6.2 | + 6.5 | + 6.5 | + 6.5 | + 6.8 | + 6.7 | + 7.0 | + 7.0 | + 7.4 | + 7.9 | + 8.3 | + 8.3 | + 8.5 | + 8.5 | + 8.6 | + 9.0 | + 9.0 | + 8.7 | + 8.1 | + 7.6 | + 7.8 | + 7.51 | + 9.0 | + 6.2 | 2.8 |
| 10 | + 7.7 | + 7.3 | + 7.5 | + 8.2 | + 8.7 | + 9.9 | +10.6 | +11.9 | +10.8 | +10.8 | + 6.3 | + 5.7 | + 5.9 | + 6.1 | + 5.6 | + 5.2 | + 5.3 | + 4.5 | + 4.0 | + 3.2 | + 3.2 | + 2.3 | + **1.7** | + 1.9 | + 6.43 | +11.9 | + 1.7 | 10.2 |
| 11 | + 2.6 | + 2.7 | + 2.9 | + 3.3 | + 4.0 | + 4.3 | + 4.3 | + 5.0 | + 5.4 | + 6.1 | + 6.4 | + 6.4 | + 6.7 | + 7.1 | + 6.2 | + 6.1 | + 6.4 | + 6.3 | + 6.3 | + 5.9 | + 5.5 | + 4.9 | + 4.9 | + 4.3 | + 5.17 | + 7.1 | + 2.6 | 4.5 |
| 12 | + 3.7 | + 3.8 | + 3.6 | + 3.4 | + 3.8 | + 4.5 | + 4.9 | + 5.1 | + 5.2 | + 5.4 | + 5.7 | + 6.1 | + 5.6 | + 5.5 | + 4.9 | + 4.9 | + 4.7 | + 4.5 | + 4.3 | + 4.2 | + 3.9 | + 3.4 | + 3.2 | + 3.2 | + 4.48 | + 6.1 | + 3.2 | 2.9 |
| 13 | + 3.5 | + 4.0 | + 4.4 | + 4.7 | + 4.3 | + 4.0 | + 4.1 | + 4.5 | + 4.6 | + 4.3 | + 4.1 | + 4.0 | + 4.3 | + 4.0 | + 3.8 | + 3.6 | + 3.3 | + 3.3 | + 3.2 | + 3.1 | + 3.1 | + 3.4 | + 3.3 | + 3.3 | + 3.84 | + 4.7 | + 3.1 | 1.6 |
| 14 | + 3.1 | + 2.7 | + 2.7 | + 2.7 | + 2.3 | + 2.3 | + 2.4 | + 2.7 | + 2.7 | + 2.9 | + 3.0 | + 3.5 | + 4.0 | + 3.7 | + 3.5 | + 3.4 | + 3.2 | + 3.5 | + 3.7 | + 3.5 | + 3.3 | + 3.2 | + 3.1 | + 3.2 | + 3.10 | + 4.0 | + 2.3 | 1.7 |
| 15 | + 3.3 | + 3.1 | + 3.0 | + 3.0 | + 3.0 | + 2.7 | + 2.9 | + 3.0 | + 3.3 | + 3.7 | + 3.7 | + 3.6 | + 3.9 | + 3.6 | + 3.5 | + 2.9 | + 2.7 | + 2.6 | + 2.5 | + 2.3 | + 2.1 | + 2.3 | + 2.3 | + 2.6 | + 2.98 | + 3.9 | + 2.1 | 1.8 |
| 16 | + 2.7 | + 2.5 | + 2.2 | + 2.1 | + 2.3 | + 2.5 | + 2.6 | + 2.6 | + 2.6 | + 3.3 | + 3.8 | + 3.9 | + 4.2 | + 4.3 | + 4.3 | + 4.1 | + 4.2 | + 3.9 | + 3.7 | + 3.5 | + 2.7 | + 2.5 | + 2.2 | + 2.3 | + 3.13 | + 4.3 | + 2.1 | 2.2 |
| 17 | + 1.1 | + 1.3 | + 1.7 | + 1.4 | + 2.5 | + 2.7 | + 2.6 | + 3.5 | + 5.1 | + 6.3 | + 7.7 | + 7.3 | + 9.1 | + 9.3 | + 9.9 | +10.8 | +10.7 | +10.4 | + 9.8 | + 9.0 | + 8.6 | + 8.1 | + 7.8 | + 7.3 | + 6.42 | +10.8 | + 1.1 | 9.7 |
| 18 | + 7.1 | + 6.5 | + 5.3 | + 4.4 | + 4.9 | + 4.9 | + 4.9 | + 4.7 | + 5.1 | + 5.8 | + 5.5 | + 6.0 | + 6.5 | + 6.3 | + 6.8 | + 7.2 | + 7.2 | + 7.3 | + 7.3 | + 6.5 | + 5.5 | + 4.5 | + 4.4 | + 3.9 | + 5.77 | + 7.3 | + 3.9 | 3.4 |
| 19 | + 3.8 | + 3.6 | + 3.8 | + 3.7 | + 4.1 | + 3.9 | + 4.1 | + 4.9 | + 6.9 | + 7.7 | + 8.7 | + 8.9 | + 9.1 | + 9.2 | + 9.1 | + 8.5 | + 7.9 | + 7.7 | + 6.6 | + 5.9 | + 4.9 | + 4.3 | + 4.5 | + 4.1 | + 6.08 | + 9.2 | + 3.6 | 5.6 |
| 20 | + 4.2 | + 5.1 | + 5.1 | + 5.1 | + 6.1 | + 6.5 | + 7.3 | + 8.7 | + 9.2 | + 9.5 | + 9.7 | + 9.9 | + 9.7 | + 9.3 | + 8.9 | + 8.4 | + 7.7 | + 7.3 | + 7.1 | + 6.9 | + 7.5 | + 6.9 | + 6.0 | + 5.3 | + 7.39 | + 9.9 | + 4.2 | 5.7 |
| 21 | + 4.9 | + 4.9 | + 5.2 | + 5.3 | + 5.3 | + 5.8 | + 6.1 | + 6.3 | + 6.8 | + 6.9 | + 6.6 | + 6.8 | + 6.4 | + 6.9 | + 7.8 | + 8.1 | + 8.3 | + 8.5 | + 7.6 | + 7.7 | + 8.3 | + 7.3 | + 6.4 | + 6.1 | + 6.68 | + 8.5 | + 4.9 | 3.6 |
| 22 | + 5.9 | + 5.8 | + 5.8 | + 5.8 | + 5.7 | + 5.5 | + 5.3 | + 5.1 | + 4.5 | + 5.1 | + 5.6 | + 6.3 | + 7.7 | + 8.5 | + 8.5 | + 8.7 | + 8.5 | + 8.6 | + 8.2 | + 8.1 | + 7.3 | + 7.0 | + 5.9 | + 5.6 | + 6.63 | + 8.7 | + 4.5 | 4.2 |
| 23 | + 5.1 | + 5.1 | + 5.3 | + 5.4 | + 5.5 | + 5.7 | + 6.3 | + 6.8 | + 8.1 | + 8.9 | + 8.9 | + 8.7 | + 8.2 | + 8.5 | + 8.8 | + 8.9 | + 9.1 | + 8.9 | + 8.7 | + 8.5 | + 7.8 | + 7.1 | + 6.7 | + 6.2 | + 7.38 | + 9.1 | + 5.1 | 4.0 |
| 24 | + 5.9 | + 5.7 | + 6.2 | + 6.8 | + 7.7 | + 8.3 | + 8.9 | + 9.5 | + 9.8 | +10.0 | +10.6 | +10.7 | +11.1 | +11.7 | +12.0 | +12.1 | +12.1 | +11.7 | +11.3 | +10.7 | +10.8 | + 8.9 | + 8.3 | + 7.5 | + **9.51** | +**12.1** | + 5.7 | 6.4 |
| 25 | + 6.9 | + 6.4 | + 4.7 | + 4.1 | + 3.5 | + 2.9 | + 2.7 | + 3.3 | + 3.6 | + 4.2 | + 5.0 | + 5.5 | + 5.3 | + 5.6 | + 6.1 | + 5.5 | + 4.1 | + 3.3 | + 3.1 | + 1.8 | + 2.0 | + 3.1 | + 2.9 | + 2.8 | + 4.10 | + 6.9 | + 1.8 | 5.1 |
| 26 | + 3.2 | + 3.2 | + 3.0 | + 3.3 | + 3.7 | + 3.7 | + 3.7 | + 3.6 | + 3.1 | + 3.8 | + 3.3 | + 3.1 | + 3.2 | + 3.3 | + 3.6 | + 3.7 | + 3.6 | + 2.1 | + 1.8 | + 1.1 | + 1.2 | + 1.4 | + 2.1 | + 2.3 | + 2.92 | + 3.7 | + 1.1 | 2.6 |
| 27 | + 1.9 | + 1.7 | + 1.1 | + 1.1 | + 1.2 | + 1.9 | + 1.7 | + 1.9 | + 1.9 | + 2.4 | + 2.7 | + 2.7 | + 2.4 | + 2.6 | + 2.8 | + 3.0 | + 3.0 | + 3.0 | + 3.1 | + 2.5 | + 1.9 | + 1.7 | + 1.5 | + 1.7 | + 2.14 | + 3.1 | + 1.1 | 2.0 |
| 28 | + 2.0 | + 1.8 | + 1.8 | + 1.9 | + 2.1 | + 2.2 | + 2.4 | + 2.5 | + 2.9 | + 3.0 | + 3.1 | + 3.8 | + 3.9 | + 3.9 | + 3.7 | + 3.5 | + 3.1 | + 2.9 | + 2.7 | + 2.5 | + 2.4 | + 2.4 | + 2.4 | + 1.9 | + 2.70 | + 3.9 | + 1.8 | 2.1 |
| 29 | + 1.6 | + 1.6 | + 1.6 | + 1.5 | + 1.7 | + 2.1 | + 2.6 | + 2.5 | + 2.9 | + 3.4 | + 3.9 | + 4.3 | + 4.5 | + 4.6 | + 4.2 | + 3.8 | + 3.3 | + 2.7 | + 2.3 | + 2.0 | + 1.7 | + 1.9 | + 2.1 | + 2.3 | + 2.71 | + 4.6 | + 1.5 | 3.1 |
| 30 | + 1.9 | + 1.9 | + 2.0 | + 2.2 | + 2.5 | + 3.3 | + 3.1 | + 2.7 | + 2.6 | + 2.6 | + 3.4 | + 2.8 | + 3.0 | + 3.1 | + 3.1 | + 2.8 | + 2.7 | + 2.3 | + 1.6 | + 1.4 | + 2.8 | + 2.1 | + 2.62 | + 3.5 | + 1.4 | 2.1 |
| 31 | + 1.5 | + 1.1 | + 2.4 | + 3.1 | + 3.3 | + 3.5 | + 3.6 | + 2.7 | + 2.7 | + 2.8 | + 2.5 | + 2.5 | + 1.9 | + 1.8 | + 1.9 | + 1.8 | + 1.6 | + 1.7 | + 1.4 | + 1.3 | + 1.3 | + 1.2 | + 1.4 | + 1.4 | + **2.10** | + 3.6 | + 1.1 | 2.5 |
| Среднее Mittel | + 3.75 | + 3.61 | + **3.60** | + 3.61 | + 3.90 | + 4.19 | + 4.45 | + 4.80 | + 5.10 | + 5.57 | + 5.78 | + 5.97 | + 6.12 | + 6.21 | + 6.21 | + 6.12 | + 5.96 | + 5.68 | + 5.36 | + 5.02 | + 4.65 | + 4.26 | + 4.10 | + 3.87 | + 4.91 | + 6.95 | + 2.76 | 4.19 |

## Августъ 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + 1.2 | + 1.3 | + 1.4 | + 1.4 | + 1.6 | + 1.3 | + 1.3 | + 1.6 | + 1.4 | + 1.3 | + 1.4 | + 1.2 | + 1.1 | + 0.9 | + 0.9 | + 0.5 | + 0.2 | — 0.2 | — 0.1 | + 0.1 | + **1.01** | + 1.6 | — 0.2 | 1.8 |
| 2 | + 0.2 | + 0.1 | + 0.0 | + 0.4 | + 0.4 | + 1.0 | + 1.0 | + 1.0 | + 1.2 | + 1.6 | + 1.8 | + 1.6 | + 1.8 | + 2.5 | + 2.1 | + 2.1 | + 1.8 | + 1.4 | + 1.3 | + 0.7 | + 0.6 | + 0.9 | + 1.0 | + 0.7 | + 1.13 | + 2.5 | **0.0** | 2.5 |
| 3 | — 0.3 | — 1.0 | — 1.0 | — 0.8 | — 0.8 | 0.0 | + 0.1 | + 0.4 | + 1.1 | + 1.4 | + 2.3 | + 2.5 | + 3.0 | + 3.6 | + 3.6 | + 3.7 | + 2.7 | + 2.1 | + 1.4 | + 1.1 | + 0.9 | + 0.8 | + 0.3 | — 0.2 | + 1.14 | + 3.7 | — 1.0 | 4.7 |
| 4 | — 0.8 | — 0.7 | — 0.2 | + 0.4 | + 0.9 | + 0.9 | + 3.1 | + 4.8 | + 5.9 | + 6.4 | + 7.0 | + 7.1 | + 7.8 | + 8.4 | + 8.4 | + 8.3 | + 8.2 | + 7.9 | + 7.5 | + 7.0 | + 6.9 | + 5.4 | + 4.8 | + 4.6 | + 5.00 | + 8.4 | — 0.8 | 9.2 |
| 5 | + 4.3 | + 3.6 | + 4.4 | + 4.4 | + 5.0 | + 5.4 | + 6.6 | + 7.7 | + 7.8 | + 8.0 | + 8.6 | + 9.0 | + 9.0 | + 9.0 | + 9.2 | + 8.8 | + 8.7 | + 8.5 | + 7.4 | + 7.0 | + 6.3 | + 5.4 | + 4.2 | + 3.5 | + 6.74 | + 9.2 | + 3.5 | 5.7 |
| 6 | + 3.0 | + 3.0 | + 3.0 | + 3.4 | + 4.0 | + 4.8 | + 5.6 | + 6.4 | + 6.8 | + 7.3 | + 7.4 | + 7.3 | + 7.2 | + 6.9 | + 6.6 | + 4.6 | + 3.5 | + 2.6 | + 1.6 | + 0.8 | + 0.6 | — 0.4 | 0.0 | + 0.2 | + 4.01 | + 7.4 | — 0.4 | 7.8 |
| 7 | + 0.6 | + 1.0 | + 1.3 | + 1.7 | + 1.9 | + 1.8 | + 1.4 | + 1.1 | + 1.3 | + 2.0 | + 3.4 | + 3.9 | + 3.6 | + 3.9 | + 4.6 | + 5.0 | + 4.6 | + 4.3 | + 3.8 | + 3.6 | + 2.6 | + 1.7 | + 0.9 | + 0.6 | + 2.53 | + 5.0 | + 0.6 | 4.4 |
| 8 | + 1.0 | + 0.4 | + 0.6 | + 0.1 | + 0.4 | + 0.4 | + 1.2 | + 2.4 | + 3.2 | + 3.6 | + 3.4 | + 3.3 | + 3.7 | + 3.9 | + 4.3 | + 4.4 | + 4.0 | + 3.6 | + 3.2 | + 2.0 | + 0.8 | — 0.1 | — 0.3 | — 0.8 | + 2.05 | + 4.4 | — 0.8 | 5.2 |
| 9 | — 0.9 | — 0.9 | — **1.0** | — 0.6 | — 0.3 | + 0.2 | + 0.9 | + 1.7 | + 2.0 | + 3.0 | + 4.0 | + 4.2 | + 4.5 | + 4.4 | + 3.9 | + 3.6 | + 3.2 | + 3.2 | + 2.8 | + 2.3 | + 1.8 | + 1.6 | + 1.2 | + 1.2 | + 1.91 | + 4.5 | — 1.0 | 5.5 |
| 10 | + 0.8 | + 0.8 | + 1.0 | + 0.9 | + 0.9 | + 0.6 | + 1.2 | + 2.6 | + 3.6 | + 4.4 | + 5.4 | + 6.6 | + 6.7 | + 7.2 | + 7.4 | + 6.2 | + 5.4 | + 5.0 | + 4.4 | + 3.3 | + 2.8 | + 2.0 | + 1.5 | + 1.2 | + 3.41 | + 7.4 | + 0.6 | 6.8 |
| 11 | + 0.9 | + 1.0 | + 1.2 | + 1.6 | + 2.1 | + 2.8 | + 3.4 | + 3.7 | + 5.0 | + 6.0 | + 6.8 | + 7.2 | + 6.3 | + 6.3 | + 5.7 | + 5.2 | + 4.4 | + 3.5 | + 2.4 | + 2.6 | + 1.8 | + 1.4 | + 1.1 | + 1.2 | + 3.48 | + 7.2 | + 0.9 | 6.3 |
| 12 | + 1.0 | + 0.9 | + 0.8 | + 0.9 | + 1.0 | + 1.4 | + 2.1 | + 2.6 | + 3.1 | + 4.3 | + 5.1 | + 6.6 | + 7.4 | + 7.4 | + 6.6 | + 6.2 | + 5.6 | + 4.4 | + 3.8 | + 2.9 | + 2.6 | + 2.9 | + 2.8 | + 2.4 | + 3.63 | + 7.4 | + 0.8 | 6.6 |
| 13 | + 2.6 | + 2.5 | + 2.4 | + 3.1 | + 3.6 | + 4.5 | + 5.1 | + 6.0 | + 6.8 | + 7.4 | + 7.6 | + 7.6 | + 8.1 | + 7.6 | + 6.0 | + 5.8 | + 5.4 | + 5.5 | + 5.0 | + 4.6 | + 4.3 | + 4.0 | + 3.8 | + 3.6 | + 5.12 | + 8.1 | + 2.4 | 5.7 |
| 14 | + 3.6 | + 3.7 | + 3.8 | + 4.2 | + 4.8 | + 5.4 | + 6.0 | + 7.1 | + 8.0 | + 8.6 | + 9.2 | + 9.8 | +10.0 | +10.5 | +10.3 | +10.2 | +10.0 | + 9.8 | + 9.4 | + 9.1 | + 7.8 | + 7.4 | + 5.4 | + 4.6 | + 7.45 | +10.5 | + 3.6 | 6.9 |
| 15 | + 3.8 | + 3.6 | + 3.5 | + 3.3 | + 3.8 | + 3.6 | + 3.0 | + 3.6 | + 4.7 | + 6.5 | + 7.4 | + 7.4 | + 8.1 | + 8.9 | + 9.5 | + 8.6 | + 7.2 | + 6.8 | + 6.4 | + 6.6 | + 4.9 | + 5.0 | + 4.8 | + 4.6 | + 5.65 | + 9.5 | + 3.0 | 6.5 |
| 16 | + 4.5 | + 4.5 | + 4.8 | + 4.5 | + 5.2 | + 5.8 | + 6.6 | + 8.5 | + 9.8 | +10.5 | +11.3 | +10.4 | +12.4 | +11.8 | +12.8 | +12.4 | +11.4 | +10.8 | +10.4 | + 9.7 | + 9.4 | + 8.6 | + 8.2 | + 7.7 | + **8.83** | +**12.8** | + 4.5 | 8.3 |
| 17 | + 7.6 | + 7.6 | + 7.4 | + 7.8 | + 7.8 | + 9.4 | +10.4 | +10.4 | +10.2 | + 9.2 | + 6.4 | + 5.6 | + 6.1 | + 5.8 | + 2.8 | + 2.8 | + 2.6 | + 2.4 | + 2.5 | + 2.4 | + 2.2 | + 2.3 | + 2.4 | + 1.8 | + 5.66 | +10.4 | + 1.8 | 8.6 |
| 18 | + 1.4 | + 0.8 | + 0.8 | + 1.2 | + 1.6 | + 2.0 | + 2.0 | + 2.2 | + 2.3 | + 2.4 | + 2.2 | + 2.7 | + 2.8 | + 2.9 | + 3.0 | + 2.8 | + 3.0 | + 2.4 | + 1.7 | + 1.2 | + 1.0 | + 0.9 | + 1.0 | + 1.0 | + 1.89 | + 3.0 | + 0.8 | 2.2 |
| 19 | + 1.1 | + 0.8 | + 1.2 | + 0.8 | + 0.9 | + 0.8 | + 1.1 | + 1.5 | + 1.6 | + 2.0 | + 2.2 | + 1.9 | + 2.5 | + 1.8 | + 2.4 | + 2.4 | + 1.8 | + 1.4 | + 1.6 | + 1.4 | + 1.0 | + 0.8 | + 0.6 | + 0.2 | + 1.41 | + 2.5 | + 0.2 | 2.3 |
| 20 | — 0.2 | — 0.1 | + 0.1 | + 0.4 | + 0.8 | + 0.6 | + 0.9 | + 1.1 | + 0.8 | + 0.8 | + 1.3 | + 1.9 | + 2.2 | + 2.2 | + 3.6 | + 3.7 | + 3.4 | + 3.1 | + 3.3 | + 2.2 | + 2.2 | + 2.2 | + 2.0 | + 1.8 | + 1.68 | + 3.7 | — 0.2 | 3.9 |
| 21 | + 2.2 | + 2.6 | + 2.4 | + 2.0 | + 1.8 | + 2.0 | + 2.8 | + 3.0 | + 4.1 | + 4.8 | + 5.6 | + 5.7 | + 5.8 | + 6.1 | + 6.1 | + 6.1 | + 5.8 | + 5.2 | + 4.8 | + 4.3 | + 3.6 | + 3.4 | + 3.0 | + 2.8 | + 4.00 | + 6.1 | + 1.8 | 4.3 |
| 22 | + 2.6 | + 2.2 | + 2.3 | + 2.4 | + 2.2 | + 2.1 | + 2.1 | + 2.4 | + 3.2 | + 4.0 | + 4.7 | + 5.6 | + 7.3 | + 7.4 | + 7.0 | + 6.8 | + 6.3 | + 5.0 | + 4.5 | + 3.6 | + 2.8 | + 2.3 | + 2.2 | + 2.1 | + 4.10 | + 7.4 | + 2.1 | 5.3 |
| 23 | + 1.9 | + 1.6 | + 1.4 | + 2.0 | + 2.0 | + 2.2 | + 2.8 | + 2.8 | + 3.0 | + 4.6 | + 5.1 | + 4.5 | + 4.4 | + 4.3 | + 4.6 | + 4.0 | + 3.8 | + 3.5 | + 3.0 | + 2.6 | + 2.4 | + 2.4 | + 2.2 | + 2.1 | + 3.06 | + 5.1 | + 1.4 | 3.7 |
| 24 | + 1.8 | + 1.8 | + 1.5 | + 1.4 | + 1.6 | + 1.9 | + 2.0 | + 2.0 | + 2.2 | + 2.4 | + 3.2 | + 2.9 | + 2.9 | + 3.2 | + 3.0 | + 2.7 | + 2.4 | + 1.9 | + 1.5 | + 1.2 | + 0.6 | + 0.4 | + 0.2 | — 0.4 | + 1.85 | + 3.2 | — 0.4 | 3.6 |
| 25 | — 0.2 | — 0.8 | — 1.2 | — 1.2 | — 0.9 | — 0.5 | — 0.2 | + 0.7 | + 0.9 | + 1.8 | + 2.4 | + 3.2 | + 2.8 | + 3.1 | + 2.8 | + 2.6 | + 2.7 | + 2.4 | + 1.8 | + 1.5 | + 1.0 | + 1.0 | + 0.4 | + 0.6 | + 1.11 | + 3.2 | — **1.2** | 4.4 |
| 26 | + 0.4 | + 0.6 | + 0.4 | + 0.1 | — 0.2 | — 0.1 | + 0.4 | + 1.2 | + 1.0 | 0.0 | + 1.6 | + 1.8 | + 2.0 | + 2.4 | + 2.2 | + 2.4 | + 2.3 | + 2.0 | + 1.9 | + 1.7 | + 1.1 | + 0.8 | + 0.9 | + 0.8 | + 1.15 | + 2.4 | — 0.2 | 2.6 |
| 27 | + 0.8 | + 0.8 | + 0.7 | + 0.8 | + 0.9 | + 0.9 | + 1.1 | + 1.6 | + 1.9 | + 3.1 | + 2.5 | + 2.6 | + 3.1 | + 3.1 | + 3.6 | + 3.4 | + 3.1 | + 3.2 | + 2.8 | + 2.8 | + 1.8 | + 1.8 | + 1.5 | + 1.6 | + 2.02 | + 3.6 | + 0.7 | 2.9 |
| 28 | + 2.0 | + 2.0 | + 1.2 | + 1.8 | + 1.5 | + 1.0 | + 1.4 | + 2.3 | + 2.9 | + 3.4 | + 3.6 | + 3.6 | + 3.8 | + 3.9 | + 4.2 | + 4.2 | + 4.3 | + 4.0 | + 3.8 | + 3.7 | + 3.5 | + 3.2 | + 3.2 | + 3.3 | + 2.99 | + 4.3 | + 1.0 | 3.3 |
| 29 | + 2.8 | + 2.4 | + 2.2 | + 2.5 | + 2.6 | + 2.9 | + 3.8 | + 5.6 | + 6.2 | + 6.3 | + 6.8 | + 7.2 | + 6.8 | + 6.8 | + 6.5 | + 6.6 | + 6.7 | + 6.1 | + 5.6 | + 5.1 | + 4.9 | + 4.7 | + 4.5 | + 4.3 | + 5.00 | + 7.2 | + 2.2 | 5.0 |
| 30 | + 4.2 | + 3.8 | + 3.5 | + 3.6 | + 3.7 | + 4.2 | + 4.3 | + 4.3 | + 4.6 | + 4.9 | + 4.9 | + 5.7 | + 6.2 | + 6.1 | + 6.6 | + 5.8 | + 5.4 | + 5.4 | + 5.7 | + 5.4 | + 5.2 | + 5.1 | + 4.8 | + 4.6 | + 4.94 | + 6.6 | + 3.5 | 3.1 |
| 31 | + 4.4 | + 4.2 | + 4.3 | + 4.4 | + 4.4 | + 4.6 | + 4.7 | + 4.1 | + 4.6 | + 4.6 | + 5.0 | + 5.0 | + 5.1 | + 4.8 | + 4.8 | + 4.5 | + 4.9 | + 4.1 | + 3.2 | + 2.8 | + 2.6 | + 2.4 | + 2.5 | + 2.3 | + 4.10 | + 5.1 | + 2.3 | 2.8 |
| Среднее Mittel | + 1.88 | + **1.74** | + **1.74** | + 1.89 | + 2.11 | + 2.38 | + 2.85 | + 3.43 | + 3.92 | + 4.37 | + 4.82 | + 5.03 | + 5.32 | + 5.41 | + 5.34 | + 5.07 | + 4.75 | + 4.32 | + 3.87 | + 3.44 | + 2.94 | + 2.60 | + 2.29 | + 2.07 | + 3.48 | + 5.92 | + 1.02 | 4.90 |



# Temperatur der Luft.

## Juli 1883.

## August 1883.

## САГАСТЫРЪ.

# ВЛАЖНОСТЬ ВОЗДУХА.

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## SSAGASTYR.

# FEUCHTIGKEIT DER LUFT.

# Влажность воздуха.

## Сентябрь 1882.

Высота гигрометра надъ землей / Höhe des Hygrometers über dem Boden } 2.4m

Среднее мѣстное время. Mittlere Ortszeit.



# Feuchtigkeit der Luft.

## September 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % |
| 1 | 4.4 85 | 4.6 91 | 4.6 92 | 4.6 91 | 4.7 93 | 4.6 91 | 4.9 96 | 4.7 91 | 4.9 91 | 5.2 91 | 4.9 89 | 5.0 80 | 5.2 84 | 5.4 83 | 5.6 84 | 5.8 87 | 5.8 86 | 6.0 90 | 6.1 92 | 6.3 96 | 6.5 97 | 6.6 97 | 6.9 99 | 6.9 97 | 5.43 90.5 |
| 2 | 6.8 96 | 6.8 96 | 7.0 96 | 7.0 96 | 6.9 96 | 6.9 98 | 6.7 99 | 6.5 97 | 6.2 94 | 6.1 86 | 6.0 77 | 5.4 67 | 4.8 **56** | 5.0 59 | 5.0 61 | 4.8 **56** | 4.9 57 | 5.6 69 | 5.8 77 | 5.9 84 | 5.9 87 | 5.9 89 | 5.5 84 | 5.5 89 | 5.95 81.9 |
| 3 | 5.4 93 | 5.4 96 | 5.4 96 | 5.6 95 | 5.5 98 | 5.8 98 | 6.0 98 | 6.1 100 | 6.1 98 | 6.0 92 | 6.2 92 | 5.8 85 | 5.7 84 | 5.3 76 | 5.1 74 | 5.4 78 | 5.9 86 | 5.8 84 | 6.1 91 | 5.6 84 | 5.9 90 | 5.6 90 | 5.5 90 | 5.3 87 | 5.69 89.8 |
| 4 | 5.4 93 | 5.2 94 | 5.0 94 | 5.0 95 | 4.9 98 | 5.0 95 | 5.3 92 | 5.6 97 | 5.3 92 | 5.3 93 | 5.5 93 | 5.4 87 | 5.4 86 | 5.3 79 | 5.3 80 | 5.3 80 | 5.3 82 | 5.6 84 | 5.6 86 | 5.7 87 | 6.0 94 | 6.0 90 | 5.9 90 | 5.9 94 | 5.43 89.8 |
| 5 | 5.8 93 | 5.8 93 | 6.0 96 | 6.1 96 | 6.1 97 | 6.1 97 | 6.1 97 | 6.1 96 | 6.1 94 | 5.9 90 | 6.1 92 | 6.3 94 | 6.6 97 | 6.4 91 | 6.4 94 | 6.3 88 | 6.2 90 | 6.1 92 | 5.7 90 | 5.6 89 | 5.8 92 | 5.8 93 | 5.8 97 | 5.8 95 | 6.04 93.5 |
| 6 | 6.0 98 | 5.8 97 | 5.9 97 | 6.0 98 | 5.9 97 | 5.8 97 | 5.9 97 | 5.8 93 | 5.9 94 | 5.8 90 | 5.7 88 | 6.0 90 | 5.9 90 | 6.0 98 | 5.6 95 | 5.4 93 | 5.0 85 | 4.6 80 | 4.6 82 | 4.7 82 | 4.9 93 | 4.8 96 | 4.9 96 | 4.9 93 | 5.49 92.5 |
| 7 | 4.9 96 | 4.9 93 | 4.8 91 | 4.6 90 | 4.5 85 | 4.5 85 | 4.7 91 | 4.8 94 | 5.1 94 | 5.2 93 | 5.1 94 | 5.2 93 | 4.8 85 | 5.0 88 | 5.1 96 | 5.1 96 | 4.9 87 | 4.8 87 | 4.8 93 | 4.7 90 | 4.5 85 | 4.6 85 | 4.9 93 | 5.0 96 | 4.85 90.8 |
| 8 | 5.1 96 | 4.7 93 | 4.8 94 | 4.5 90 | 4.7 94 | 4.7 96 | 4.8 96 | 4.9 96 | 4.9 93 | 4.5 80 | 4.4 79 | 4.5 78 | 4.8 85 | 4.5 79 | 4.4 79 | 4.6 81 | 4.4 82 | 4.6 90 | 4.6 92 | 4.7 96 | 4.5 89 | 4.8 93 | 4.5 87 | 4.5 87 | 4.64 88.5 |
| 9 | 4.4 89 | 4.3 87 | 4.6 94 | 4.5 94 | 4.3 87 | 4.6 94 | 4.6 94 | 4.7 92 | 4.7 90 | 4.5 82 | 4.4 82 | 4.3 82 | 4.2 80 | 4.2 78 | 4.2 79 | 4.2 82 | 4.5 84 | 4.5 84 | 4.6 84 | 4.8 93 | 4.8 93 | 4.6 91 | 4.4 87 | 4.6 92 | 4.48 87.3 |
| 10 | 4.6 94 | 4.6 92 | 4.7 96 | 4.8 96 | 4.9 93 | 4.6 85 | 5.0 94 | 5.2 96 | 5.0 91 | 5.0 91 | 5.0 88 | 4.9 86 | 5.0 89 | 5.1 96 | 4.8 89 | 4.6 85 | 4.4 82 | 4.5 85 | 4.4 84 | 4.3 83 | 4.1 82 | 4.2 89 | 4.0 83 | 4.2 89 | 4.66 89.1 |
| 11 | 4.1 82 | 4.1 83 | 4.0 81 | 3.9 80 | 4.1 85 | 4.0 82 | 4.0 82 | 3.9 78 | 3.9 76 | 4.0 75 | 4.2 74 | 4.3 77 | 4.6 78 | 4.8 85 | 4.6 77 | 4.2 72 | 4.5 75 | 4.5 78 | 5.0 88 | 5.3 96 | 4.6 82 | 4.9 91 | 5.0 96 | 5.0 96 | 4.40 82.0 |
| 12 | 4.9 98 | 4.9 98 | 5.0 96 | 5.1 96 | 5.3 94 | 5.5 96 | 5.4 92 | 5.5 92 | 5.6 93 | 5.9 96 | 5.8 92 | 5.3 84 | 5.3 85 | 5.3 85 | 5.2 84 | 5.3 82 | 5.4 84 | 5.5 87 | 5.4 88 | 5.5 90 | 5.4 93 | 5.3 94 | 5.5 96 | 5.6 95 | 5.37 91.3 |
| 13 | 5.8 95 | 5.9 96 | 6.0 94 | 6.0 97 | 5.7 98 | 6.0 97 | 6.3 93 | 6.2 91 | 6.4 87 | 6.4 84 | 6.6 78 | 6.9 78 | 6.9 74 | 7.2 74 | 7.4 79 | **7.5** 86 | 7.3 84 | 7.1 83 | 7.1 79 | 7.2 87 | 6.9 86 | 7.0 91 | 6.9 94 | 6.4 93 | **6.63** 87.4 |
| 14 | 6.3 95 | 6.1 90 | 5.3 84 | 5.1 84 | 5.0 85 | 5.2 88 | 5.4 95 | 5.2 93 | 5.1 93 | 5.0 89 | 5.0 88 | 5.4 93 | 5.1 90 | 5.2 90 | 5.3 92 | 4.9 85 | 5.0 88 | 5.1 94 | 4.9 93 | 4.9 93 | 4.9 94 | 4.4 89 | 4.8 94 | 4.8 96 | 5.14 90.7 |
| 15 | 4.9 100 | 4.8 98 | 4.7 96 | 4.8 98 | 4.8 98 | 4.6 94 | 4.5 90 | 4.5 90 | 4.6 92 | 4.6 91 | 4.7 91 | 4.9 94 | 4.8 93 | 5.0 96 | 4.8 94 | 4.8 94 | 4.7 94 | 4.7 96 | 4.7 94 | 4.7 94 | 4.7 98 | 4.6 98 | 4.7 96 | 4.7 94 | 4.72 94.7 |
| 16 | 4.8 96 | 5.0 98 | 5.0 98 | 5.0 100 | 5.1 98 | 4.9 100 | 4.9 98 | 4.9 96 | 5.2 96 | 5.4 95 | 5.4 96 | 5.7 98 | 5.6 95 | 5.6 90 | 5.5 92 | 5.5 90 | 5.6 97 | 5.5 96 | 5.4 95 | 5.4 95 | 4.9 87 | 4.8 85 | 5.1 94 | 5.0 95 | 5.22 **95.0** |
| 17 | 4.9 94 | 4.9 96 | 4.9 98 | 4.9 96 | 5.0 98 | 4.9 96 | 4.9 94 | 5.0 96 | 5.0 98 | 5.0 98 | 5.4 96 | 5.3 92 | 5.1 88 | 5.1 87 | 5.2 90 | 5.3 87 | 5.3 87 | 5.3 90 | 5.4 95 | 5.2 94 | 5.2 96 | 5.0 96 | 4.9 96 | 4.8 96 | 5.08 93.9 |
| 18 | 4.9 98 | 4.9 98 | 4.9 98 | 4.8 98 | 4.9 100 | 4.6 94 | 4.6 92 | 4.7 91 | 4.5 89 | 4.4 85 | 4.3 82 | 4.4 85 | 4.2 89 | 4.2 90 | 4.1 90 | 3.7 86 | 3.6 86 | 3.9 92 | 3.9 92 | 3.6 83 | 3.6 83 | 3.8 88 | 3.9 90 | 3.4 86 | 4.24 90.2 |
| 19 | 3.3 87 | 3.0 83 | 2.8 78 | 2.8 76 | 2.9 80 | 3.1 85 | 2.8 76 | 2.8 76 | 2.6 67 | 2.6 66 | 2.4 62 | 2.4 61 | 2.6 64 | 2.9 74 | 2.7 66 | 2.9 70 | 2.7 64 | 3.2 78 | 3.2 82 | 3.2 81 | 2.9 75 | 3.1 77 | 3.1 78 | 3.0 74 | 2.88 **74.2** |
| 20 | 2.7 68 | 2.9 75 | 3.1 78 | 3.1 76 | 3.7 85 | 3.9 88 | 4.3 92 | 3.5 73 | 3.6 70 | 3.4 67 | 3.8 74 | 3.9 76 | 4.0 81 | 4.2 83 | 4.0 78 | 4.1 82 | 4.3 85 | 4.4 89 | 4.3 85 | 4.7 96 | 4.6 92 | 4.7 93 | 4.9 100 | 4.8 100 | 3.95 82.8 |
| 21 | 4.8 98 | 4.6 96 | 4.1 89 | 3.6 83 | 2.8 76 | 2.7 76 | 2.4 75 | 2.6 77 | 2.8 80 | 2.7 78 | 2.9 84 | 2.6 74 | 2.9 87 | 2.7 80 | 2.9 82 | 2.9 85 | 3.2 91 | 3.1 87 | 3.3 91 | 3.2 85 | 3.3 87 | 3.2 87 | 3.2 87 | 3.3 91 | 3.16 84.4 |
| 22 | 3.1 85 | 3.0 85 | 3.0 89 | 2.9 87 | 2.8 86 | 2.8 86 | 2.9 84 | 3.0 85 | 2.9 80 | 2.9 84 | 2.9 82 | 2.8 86 | 2.9 84 | 3.0 85 | 3.2 87 | 3.5 94 | 3.3 89 | 3.3 91 | 3.3 95 | 3.5 92 | 3.3 93 | 3.3 91 | 3.6 96 | 3.3 93 | 3.10 87.9 |
| 23 | 3.7 96 | 3.3 89 | 3.2 93 | 3.0 89 | 3.0 93 | 2.9 96 | 2.8 95 | 2.7 95 | 2.8 93 | 2.9 90 | 2.9 90 | 2.8 88 | 2.9 93 | 2.8 88 | 2.8 86 | 2.7 88 | 2.8 88 | 2.7 88 | 2.7 86 | 2.6 84 | 2.7 84 | 2.7 88 | 2.6 93 | 2.5 92 | 2.85 90.2 |
| 24 | 2.4 89 | 2.3 97 | 2.1 94 | 2.1 94 | 2.2 94 | 2.2 94 | 2.1 94 | 2.1 94 | 2.2 94 | 2.3 92 | 2.5 92 | 2.7 93 | 2.8 93 | 2.6 90 | 2.5 92 | 2.0 83 | 2.2 91 | 2.4 92 | 2.5 89 | 2.8 93 | 2.9 96 | 2.9 93 | 3.1 98 | 3.1 95 | 2.46 92.8 |
| 25 | 3.2 95 | 3.3 95 | 3.4 95 | 3.4 96 | 3.3 93 | 3.4 96 | 3.2 89 | 3.0 85 | 3.1 85 | 3.3 89 | 3.3 89 | 3.5 94 | 3.4 91 | 3.4 89 | 3.3 87 | 3.4 89 | 3.4 89 | 3.5 92 | 3.4 89 | 3.6 94 | 3.7 96 | 3.5 92 | 3.6 94 | 3.6 96 | 3.38 91.6 |
| 26 | 3.6 94 | 3.6 92 | 3.5 89 | 3.5 92 | 3.6 94 | 3.6 94 | 3.7 96 | 3.4 92 | 3.5 94 | 3.3 89 | 3.4 89 | 3.3 85 | 3.3 85 | 3.2 83 | 3.4 87 | 3.1 78 | 3.2 80 | 3.3 80 | 3.8 94 | 3.6 96 | 3.9 96 | 3.9 94 | 4.1 98 | 4.0 96 | 3.53 90.3 |
| 27 | 4.0 96 | 4.2 96 | 4.2 96 | 4.2 96 | 4.3 100 | 4.4 96 | 4.2 98 | 3.4 89 | 3.2 85 | 2.9 82 | 2.6 84 | 2.4 78 | 2.2 74 | 2.1 71 | 2.2 77 | 2.6 93 | 2.4 87 | 2.3 82 | 2.0 71 | 2.4 87 | 2.4 87 | 2.3 84 | 2.1 76 | 2.3 86 | 2.97 86.3 |
| 28 | 2.4 87 | 2.4 87 | 2.3 82 | 2.1 76 | 2.2 86 | 2.2 86 | 2.3 92 | 2.3 86 | 2.3 86 | 2.3 86 | 2.4 84 | 2.5 87 | 2.7 93 | 2.1 72 | 2.4 87 | 2.5 94 | 2.4 87 | 2.4 92 | 2.6 94 | 2.5 97 | 2.3 94 | 2.3 94 | 2.4 95 | 2.5 95 | 2.37 88.3 |
| 29 | 2.3 84 | 1.9 78 | 2.0 85 | 2.0 85 | 1.8 79 | 1.7 73 | 2.0 88 | 1.9 87 | 2.0 91 | 2.1 91 | 2.2 94 | 2.1 91 | 2.2 94 | 2.3 94 | 2.4 97 | 2.2 94 | 2.0 85 | 2.2 94 | 2.1 94 | 2.0 91 | 2.0 94 | 1.8 87 | 1.8 90 | 1.8 90 | 2.03 88.8 |
| 30 | 1.7 93 | 1.7 96 | 1.8 100 | 1.8 100 | 1.8 97 | **1.6** 93 | 1.7 93 | 1.8 93 | 2.1 94 | 2.0 91 | 2.1 91 | 2.2 91 | 2.2 94 | 2.2 94 | 2.2 91 | 2.3 94 | 2.3 92 | 2.1 88 | 2.1 94 | 2.1 97 | 2.0 97 | 2.0 94 | 1.8 97 | 1.7 89 | **1.97** 93.9 |
| Среднее Mittel | **4.35** 92.1 | 4.30 91.9 | 4.27 92.0 | 4.23 91.3 | **4.22** 91.9 | 4.23 91.5 | 4.28 92.1 | 4.23 90.4 | 4.25 89.1 | 4.23 86.9 | 4.27 86.2 | 4.27 84.9 | 4.27 85.4 | 4.27 **84.2** | 4.25 84.9 | 4.23 85.1 | 4.23 84.8 | 4.29 87.1 | 4.31 88.6 | 4.34 90.3 | 4.30 90.4 | 4.28 90.6 | 4.31 92.1 | 4.27 **92.2** | 4.27 89.0 |

## Октябрь 1882. October 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.5 86 | 1.6 90 | 1.6 90 | 1.5 90 | 1.5 89 | 1.6 91 | 1.5 88 | 1.6 85 | 1.7 85 | 1.8 90 | 1.9 88 | 2.0 88 | 2.2 91 | 2.1 86 | 2.1 84 | 2.1 83 | 2.2 86 | 2.2 85 | 2.4 89 | 2.6 94 | 2.6 95 | 2.8 94 | 2.8 90 | 2.9 89 | 2.03 88.6 |
| 2 | 2.9 90 | 3.0 92 | 3.0 93 | 3.1 96 | 3.1 96 | 3.1 96 | 3.0 93 | 3.0 96 | 2.7 87 | 2.5 85 | 2.7 88 | 2.8 90 | 2.8 90 | 2.9 92 | 2.9 94 | 2.9 93 | 2.9 95 | 2.6 96 | 2.7 95 | 2.9 99 | 2.9 99 | 3.0 98 | 3.0 98 | **3.3** 96 | 2.90 93.6 |
| 3 | 3.2 91 | 3.1 89 | 3.1 90 | 2.9 85 | 3.0 87 | 3.0 89 | 3.0 86 | 2.9 84 | 3.2 91 | 2.9 **78** | 3.0 81 | 3.2 85 | 3.2 85 | 3.2 86 | **3.3** 88 | 3.0 87 | 2.7 86 | 2.6 88 | 2.7 89 | 2.7 88 | 2.7 86 | 2.7 86 | 2.8 88 | 3.1 92 | **2.97** 86.9 |
| 4 | 2.9 91 | 3.0 90 | 2.9 91 | 2.9 91 | 2.9 90 | 2.8 88 | 2.9 92 | 2.8 92 | 2.7 91 | 2.8 92 | 2.8 92 | 2.7 91 | 2.8 92 | 2.7 91 | 2.8 94 | 2.8 94 | 2.8 94 | 2.8 94 | 2.7 95 | 2.6 95 | 2.6 97 | 2.7 98 | 2.7 100 | 2.7 100 | 2.78 93.1 |
| 5 | 2.8 100 | 2.7 100 | 2.7 100 | 2.7 99 | 2.7 99 | 2.8 100 | 2.9 99 | 2.7 100 | 3.1 100 | 3.2 100 | 3.2 100 | 3.0 100 | 2.9 97 | 2.5 91 | 2.4 88 | 2 2 84 | 2.2 85 | 2.2 89 | 2.1 89 | 2.2 93 | 2.2 95 | 2.2 94 | 2.1 95 | 2.1 94 | 2.58 95.5 |
| 6 | 1.9 94 | 1.9 96 | 2.0 95 | 2.0 95 | 2.1 96 | 2.1 95 | 2.2 96 | 2.2 96 | 2.2 96 | 2.3 97 | 2.3 97 | 2.3 96 | 2.4 97 | 2.4 98 | 2.4 98 | 2.5 99 | 2.6 99 | 2.7 100 | 2.8 100 | 2.7 100 | 2.7 100 | 2.8 100 | 2.8 100 | 2.7 100 | 2.38 97.5 |
| 7 | 2.5 96 | 2.1 81 | 2.0 80 | 2.1 84 | 2.1 84 | 2.1 83 | 2.1 84 | 2.2 88 | 2.2 93 | 2.3 89 | 2.2 86 | 2.1 84 | 2.1 85 | 2.0 85 | 2.1 82 | 2.0 85 | 2.2 85 | 2.2 86 | 2.0 86 | 2.2 89 | 1.9 87 | 1.7 85 | 1.8 86 | 1.7 86 | 2.08 85.8 |
| 8 | 1.7 87 | 1.7 87 | 1.9 88 | 1.9 88 | 1.8 88 | 1.7 87 | 1.7 86 | 1.7 90 | 1.7 87 | 1.9 87 | 2.1 92 | 2.2 92 | 2.3 92 | 2.3 90 | 2.2 92 | 2.1 93 | 2.1 95 | 2.1 91 | 2.1 90 | 2.2 91 | 2.3 92 | 2.2 90 | 2.0 90 | 1.7 88 | 2.03 89.7 |
| 9 | 1.9 88 | 2.2 87 | 2.2 90 | 2.0 90 | 1.8 92 | 1.8 91 | 2.0 92 | 2.1 93 | 2.1 92 | 2.1 90 | 2.1 88 | 2.2 92 | 2.2 89 | 2.2 91 | 2.1 91 | 2.2 95 | 2.0 92 | 2.1 94 | 2.2 96 | 2.1 95 | 2.2 96 | 2.2 96 | 2.2 97 | 2.2 97 | 2.10 92.3 |
| 10 | 2.4 92 | 2.1 92 | 2.3 93 | 2.2 88 | 2.1 83 | 1.9 84 | 2.0 87 | 2.1 85 | 2.1 88 | 2.2 90 | 2.3 92 | 2.2 92 | 2.2 90 | 2.2 90 | 2.2 92 | 2.3 95 | 2.3 95 | 2.1 89 | 1.9 83 | 2.0 88 | 2 0 88 | 1.8 88 | 1.9 87 | 1.7 88 | 2.10 89.1 |
| 11 | 1.8 87 | 1.8 89 | 1.8 88 | 1.9 89 | 2.0 89 | 2.0 86 | 2.1 89 | 2.1 87 | 2.1 87 | 2.0 85 | 2.1 89 | 2.2 90 | 2.0 88 | 2.0 85 | 1.9 86 | 2.0 87 | 2.0 92 | 2.1 92 | 2.1 91 | 2.0 89 | 2.1 92 | 2.0 92 | 2.2 91 | 2.0 95 | 2.01 89.0 |
| 12 | 1.6 92 | 1.6 94 | 1.8 95 | 1.8 95 | 2.1 97 | 2.0 97 | 2.2 95 | 2.2 94 | 2.2 94 | 2.2 94 | 2.3 95 | 2.3 94 | 2.4 94 | 2.4 94 | 2.4 94 | 2.3 94 | 2.2 95 | 2.2 95 | 2.1 95 | 2.1 96 | 2.2 96 | 2.1 97 | 2.1 97 | 2.1 97 | 2.12 95.0 |
| 13 | 2.1 97 | 2.1 97 | 2.1 97 | 2.0 97 | 2.1 98 | 2.0 96 | 1.9 96 | 2.0 96 | 1.9 94 | 2.1 94 | 2.0 95 | 1.9 88 | 2.0 89 | 1.6 92 | 1.4 92 | 1.3 93 | 1.2 96 | 1.5 94 | 1.8 95 | 2.0 96 | 2.1 96 | 2.1 96 | 2.0 96 | 1.6 95 | 1.87 94.8 |
| 14 | 1.3 94 | 1.1 92 | 0.8 88 | 1.1 90 | 1.3 91 | 1.3 91 | 1.3 92 | 1.3 92 | 1.3 91 | 1.2 91 | 1.2 91 | 1.1 90 | 0.8 88 | 1.3 91 | 1.3 91 | 1.2 91 | 1.2 90 | 1.2 90 | 1.2 86 | 1.2 86 | 1.1 80 | 0.9 83 | 0.9 86 | 1.0 87 | 1.15 89.3 |
| 15 | 1.1 88 | 1.2 89 | 1.1 87 | 1.2 89 | 1.1 87 | 1.2 88 | 1.3 89 | 1.3 89 | 1.3 90 | 1.4 92 | 1.4 92 | 1.6 92 | 1.6 93 | 1.6 92 | 1.6 94 | 1.6 95 | 1.5 94 | 1.5 95 | 1.4 95 | 1.4 97 | 1.4 98 | 1.5 98 | 1.5 98 | 1.5 100 | 1.39 92.5 |
| 16 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.6 100 | 1.7 100 | 1.8 100 | 1.8 100 | 1.8 100 | 1.9 100 | 1.8 95 | 1.7 93 | 1.7 94 | 1.9 95 | 1.8 94 | 1.8 92 | 1.8 94 | 1.8 94 | 1.8 93 | 1.71 **97.8** |
| 17 | 1.8 94 | 1.7 94 | 1.8 95 | 1.7 94 | 1.6 94 | 1.6 94 | 1.6 93 | 1.6 94 | 1.6 93 | 1.7 93 | 1.7 93 | 1.7 87 | 1.8 95 | 2.0 95 | 1.9 94 | 1.9 95 | 1.9 95 | 1.6 91 | 1.4 90 | 1.2 91 | 1.1 90 | 1.2 90 | 1.1 90 | 1.0 90 | 1.59 92.7 |
| 18 | 1.0 90 | 0.9 88 | 0.8 87 | 0.8 87 | 0.8 86 | 0.7 85 | 0.7 86 | 0.7 95 | 0.7 85 | 0.7 84 | 0.7 85 | 0.7 85 | 0.7 85 | 0.7 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.9 85 | 1.1 87 | 1.3 89 | 1.3 90 | 1.3 91 | 1.2 91 | 0.87 86.5 |
| 19 | 1.4 91 | 1.3 92 | 1.4 92 | 1.6 92 | 1.6 93 | 1.6 93 | 1.4 93 | 1.6 93 | 1.7 93 | 1.7 93 | 1.6 93 | 1.4 92 | 1.5 92 | 1.5 93 | 1.5 93 | 1.3 92 | 1.2 92 | 1.1 92 | 1.1 92 | 1.1 92 | 1.0 91 | 1.0 91 | 1.1 91 | 1.1 91 | 1.37 92.2 |
| 20 | 1.1 91 | 1.2 91 | 1.4 91 | 1.5 91 | 1.6 92 | 1.5 92 | 1.4 92 | 1.2 92 | 1.3 92 | 1.4 92 | 1.5 92 | 1.6 92 | 1.6 93 | 1.6 92 | 1.6 92 | 1.5 92 | 1.5 92 | 1.3 92 | 1.2 91 | 1.2 91 | 1.3 92 | 1.4 92 | 1.2 92 | 1.0 91 | 1.38 91.8 |
| 21 | 0.8 90 | 0.8 89 | 0.7 88 | 0.8 89 | 0.8 88 | 0.6 87 | 0.6 87 | 0.6 86 | 0.7 87 | 0.7 86 | 0.7 85 | 0.6 86 | 0.8 86 | 0.9 87 | 0.9 88 | 0.9 88 | 1.0 89 | 1.0 89 | 1.0 89 | 1.0 89 | 1.0 89 | 0.8 87 | 0.8 87 | 0.6 87 | 0.80 87.6 |
| 22 | 0.5 85 | 0.5 85 | 0.6 84 | 0.5 85 | 0.6 85 | 0.5 84 | 0.5 84 | 0.5 84 | 0.5 83 | 0.5 84 | 0.5 84 | 0.5 85 | 0.6 85 | 0.6 84 | 0.5 84 | 0.5 85 | 0.5 84 | 0.5 84 | 0.5 84 | 0.5 84 | 0.5 84 | 0.5 83 | 0.5 83 | 0.5 83 | 0.52 84.1 |
| 23 | 0.4 82 | 0.4 82 | 0.4 83 | 0.4 84 | 0.5 84 | 0.4 84 | 0.4 84 | 0.4 81 | 0.5 82 | 0.5 82 | 0.4 82 | 0.5 82 | 0.5 82 | 0.5 83 | 0.5 83 | 0.5 83 | 0.4 82 | 0.5 83 | 0.5 83 | 0.4 83 | 0.4 85 | 0.4 85 | 0.5 85 | 0.5 85 | 0.45 **83.1** |
| 24 | 0.5 84 | 0.5 84 | 0.8 87 | 0.9 90 | 1.0 89 | 1.0 90 | 1.0 92 | 0.9 90 | 0.8 89 | 0.7 89 | 0.8 89 | 0.9 90 | 0.9 90 | 0.8 89 | 0.9 89 | 0.9 89 | 0.9 90 | 0.9 90 | 0.8 90 | 0.8 90 | 0.7 87 | 0.7 87 | 0.8 87 | 0.8 89 | 0.82 88.8 |
| 25 | 0.8 89 | 0.8 89 | 0.8 89 | 0.8 89 | 0.8 88 | 0.8 88 | 0.7 88 | 0.7 87 | 0.7 86 | 0.6 86 | 0.7 87 | 0.7 86 | 0.7 86 | 0.6 86 | 0.5 86 | 0.5 85 | 0.6 85 | 0.5 85 | 0.6 85 | 0.5 85 | 0.5 86 | 0.5 84 | 0.4 84 | 0.4 84 | 0.63 86.4 |
| 26 | 0.6 85 | 0.6 86 | 0.6 86 | 0.5 86 | 0.5 85 | 0.5 85 | 0.5 85 | 0.5 85 | 0.5 85 | 0.5 84 | 0.5 85 | 0.5 83 | 0.6 85 | 0.5 86 | 0.5 85 | 0.5 86 | 0.5 86 | 0.6 86 | 0.5 86 | 0.5 86 | 0.5 86 | 0.5 86 | 0.5 86 | 0.5 86 | 0.52 85.4 |
| 27 | 0.5 86 | 0.5 85 | 0.5 85 | 0.5 86 | 0.6 87 | 0.5 86 | 0.6 87 | 0.6 86 | 0.6 87 | 0.6 87 | 0.7 88 | 0.7 88 | 0.7 89 | 0.7 89 | 0.7 89 | 0.7 89 | 0.7 89 | 0.7 88 | 0.7 88 | 0.6 87 | 0.6 88 | 0.6 87 | 0.6 87 | 0.6 87 | 0.62 87.3 |
| 28 | 0.5 86 | 0.5 86 | 0.5 86 | 0.5 85 | 0.5 85 | 0.5 84 | 0.5 85 | 0.5 84 | 0.4 84 | 0.4 84 | 0.5 84 | 0.5 84 | 0.5 84 | 0.5 85 | 0.5 84 | 0.5 84 | 0.4 85 | 0.4 84 | 0.4 83 | 0.4 83 | 0.4 83 | 0.4 83 | 0.4 83 | 0.5 83 | 0.46 84.2 |
| 29 | 0.5 84 | 0.4 83 | 0.5 83 | 0.4 83 | 0.4 83 | 0.4 83 | 0.4 83 | 0.5 83 | 0.5 83 | 0.5 85 | 0.6 85 | 0.6 85 | 0.6 85 | 0.6 85 | 0.5 85 | 0.5 84 | 0.5 84 | 0.6 85 | 0.6 86 | 0.6 86 | 0.6 86 | 0.5 85 | 0.5 85 | 0.6 86 | 0.52 84.4 |
| 30 | 0.6 86 | 0.6 86 | 0.5 85 | 0.5 84 | 0.5 84 | 0.5 84 | 0.4 84 | 0.4 83 | 0.4 83 | 0.4 83 | 0.4 83 | 0.4 83 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 87 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | **0.3** 83 | 0.4 89 | 0.4 86 | **0.3** 86 | **0.43** 84.8 |
| 31 | 0.4 88 | 0.4 92 | 0.4 1) | 0.4 83 | 0.4 83 | 0.4 85 | 0.4 87 | 0.5 88 | 0.5 90 | 0.5 90 | 0.5 90 | 0.6 92 | 0.6 94 | 0.6 86 | 0.6 87 | 0.6 89 | 0.6 87 | 0.6 88 | 0.6 87 | 0.6 88 | 0.6 90 | 0.5 87 | 0.5 88 | 0.5 87 | 0.51 88.1 |
| Среднее Mittel | 1.44 89.8 | **1.42** 89.6 | 1.44 89.5 | 1.44 89.5 | 1.47 89.4 | 1.44 89.2 | 1.45 89.5 | 1.45 89.3 | 1.47 89.3 | 1.48 **88.9** | 1.52 89.4 | 1.53 89.2 | **1.55** 89.4 | 1.54 89.2 | 1.53 89.3 | 1.49 89.5 | 1.47 89.7 | 1.46 89.6 | 1.46 89.5 | 1.47 90.2 | 1.47 90.3 | 1.46 90.2 | 1.46 90.3 | 1.43 **90.4** | 1.47 89.6 |

1) Отсчета нѣтъ, такъ какъ ось гигрометра снѣгомъ занесена.

1) Keine Ablesung, da die Axe des Haarhygrometers vom Schnee verweht.

# Влажность воздуха.

Высота гигрометра надъ землей / Höhe des Hygrometers über dem Boden } 2.4$^m$

Среднее мѣстное время. / Mittlere Ortszeit.



# Feuchtigkeit der Luft.

## Ноябрь 1882. / November 1882.

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | Полдень. Mittag. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % |
| 1 | 0.5 | 86 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 87 | 0.4 | 86 | 0.4 | 87 | 0.5 | 90 | 0.4 | 89 | 0.5 | 90 | 0.5 | 92 | 0.5 | 93 |
| 2 | 0.4 | 94 | 0.4 | 94 | 0.4 | 93 | 0.5 | 95 | 0.5 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 93 | 0.5 | 95 |
| 3 | 0.3 | 91 | 0.3 | 91 | 0.3 | 90 | 0.3 | 91 | 0.3 | 90 | 0.3 | 91 | 0.3 | 90 | 0.3 | 89 | 0.3 | 88 | 0.3 | 88 | 0.3 | 87 | 0.3 | 87 |
| 4 | 0.3 | 88 | 0.3 | 87 | 0.3 | 88 | 0.3 | 86 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 87 |
| 5 | 0.3 | 90 | 0.4 | 90 | 0.4 | 90 | 0.4 | 90 | 0.4 | 91 | 0.4 | 90 | 0.5 | 91 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 |
| 6 | 0.4 | 92 | 0.4 | 92 | 0.5 | 92 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 94 | 0.5 | 94 |
| 7 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.4 | 93 | 0.4 | 92 | 0.4 | 91 | 0.5 | 93 | 0.5 | 95 | 0.5 | 95 | 0.4 | 94 | 0.4 | 93 | 0.4 | 94 |
| 8 | 0.3 | 89 | 0.4 | 89 | 0.4 | 90 | 0.5 | 90 | 0.5 | 90 | 0.6 | 91 | 0.6 | 91 | 0.6 | 92 | 0.6 | 93 | 0.6 | 94 | 0.6 | 94 | 0.7 | 94 |
| 9 | 0.5 | 90 | 0.5 | 89 | 0.5 | 89 | 0.5 | 89 | 0.6 | 89 | 0.6 | 89 | 0.7 | 89 | 0.8 | 90 | 0.8 | 90 | 0.8 | 90 | 0.8 | 91 | 0.8 | 91 |
| 10 | 0.5 | 88 | 0.6 | 88 | 0.5 | 88 | 0.5 | 88 | 0.5 | 87 | 0.5 | 87 | 0.5 | 87 | 0.5 | 87 | 0.5 | 88 | 0.5 | 87 | 0.5 | 87 | 0.5 | 87 |
| 11 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 86 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.5 | 86 | 0.5 | 86 | 0.5 | 87 | 0.5 | 87 |
| 12 | 0.6 | 90 | 0.5 | 89 | 0.6 | 89 | 0.5 | 89 | 0.5 | 89 | 0.5 | 88 | 0.5 | 88 | 0.5 | 87 | 0.6 | 88 | 0.6 | 88 | 0.6 | 88 | 0.6 | 88 |
| 13 | 0.9 | 94 | 0.8 | 92 | 0.7 | 91 | 0.6 | 90 | 0.6 | 90 | 0.6 | 89 | 0.5 | 89 | 0.5 | 89 | 0.5 | 89 | 0.5 | 88 | 0.5 | 87 | 0.5 | 87 |
| 14 | 0.6 | 90 | 0.6 | 90 | 0.7 | 91 | 0.7 | 92 | 0.6 | 92 | 0.6 | 89 | 0.7 | 90 | 0.7 | 90 | 0.8 | 90 | 0.7 | 91 | 0.7 | 90 | 0.7 | 91 |
| 15 | 0.6 | 91 | 0.5 | 91 | 0.5 | 90 | 0.5 | 90 | 0.5 | 90 | 0.5 | 90 | 0.5 | 90 | 0.5 | 90 | 0.4 | 89 | 0.4 | 89 | 0.4 | 89 | 0.4 | 88 |
| 16 | 0.5 | 90 | 0.5 | 89 | 0.5 | 89 | 0.4 | 89 | 0.5 | 89 | 0.4 | 89 | 0.4 | 89 | 0.5 | 89 | 0.5 | 90 | 0.5 | 89 | 0.5 | 89 | 0.6 | 90 |
| 17 | 0.3 | 87 | 0.3 | 87 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 |
| 18 | **0.2** | 84 | 0.3 | 85 | 0.4 | 86 | 0.4 | 87 | 0.5 | 88 | 0.5 | 89 | 0.5 | 90 | 0.6 | 90 | 0.6 | 91 | 0.6 | 91 | 0.6 | 91 | 0.6 | 91 |
| 19 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 85 | 0.4 | 84 | 0.4 | 84 | 0.3 | 84 | 0.3 | 83 | 0.3 | 83 | 0.3 | 82 | 0.3 | 81 |
| 20 | **0.2** | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | **79** | 0.2 | **79** | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | **79** |
| 21 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.4 | 83 | 0.5 | 83 | 0.5 | 84 | 0.4 | 84 | 0.4 | 84 | 0.5 | 84 | 0.4 | 84 |
| 22 | 0.4 | 83 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 83 | 0.4 | 83 | 0.4 | 83 | 0.4 | 83 | 0.3 | 82 | 0.4 | 82 | 0.4 | 82 | 0.3 | 82 |
| 23 | 0.3 | 82 | 0.3 | 82 | 0.3 | 81 | 0.3 | 80 | **0.2** | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.3 | 81 | 0.3 | 81 |
| 24 | **0.2** | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 81 | 0.2 | 81 | 0.2 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.2 | 82 |
| 25 | 0.3 | 83 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | **0.2** | 84 | 0.2 | 85 | 0.2 | 85 | 0.2 | 84 |
| 26 | **0.2** | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.3 | 84 | 0.3 | 84 |
| 27 | 0.4 | 85 | 0.4 | 85 | 0.3 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 85 | 0.4 | 85 |
| 28 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 85 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.6 | 86 | 0.6 | 87 |
| 29 | 0.6 | 90 | 0.6 | 89 | 0.6 | 88 | 0.6 | 88 | 0.6 | 87 | 0.6 | 87 | 0.6 | 87 | 0.7 | 88 | 0.6 | 88 | 0.6 | 87 | 0.6 | 87 | 0.6 | 87 |
| 30 | 0.5 | 86 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 |
| Среднее Mittel | **0.41** | 87.3 | **0.41** | 87.1 | 0.42 | 86.9 | 0.41 | 87.0 | 0.42 | 86.9 | 0.42 | **86.8** | 0.43 | 87.0 | **0.45** | 87.3 | 0.44 | 87.3 | 0.44 | 87.3 | 0.45 | 87.4 | 0.45 | 87.5 |

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточныя среднія. Tages-mittel. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % |
| 1 | 0.5 | 90 | 0.5 | 92 | 0.5 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 95 | 0.4 | 93 | 0.4 | 94 | 0.4 | 93 | 0.45 | 90.2 |
| 2 | 0.4 | 93 | 0.4 | 93 | 0.4 | 93 | 0.4 | 92 | 0.4 | 92 | 0.3 | 91 | 0.4 | 92 | 0.4 | 91 | 0.3 | 91 | 0.3 | 91 | 0.3 | 91 | 0.3 | 90 | 0.39 | 92.3 |
| 3 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 88 | 0.3 | 88 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 88 | 0.30 | 88.3 |
| 4 | 0.3 | 88 | 0.3 | 88 | 0.3 | 87 | 0.3 | 88 | 0.3 | 88 | 0.3 | 89 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 89 | 0.3 | 89 | 0.30 | 87.9 |
| 5 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.4 | 92 | 0.45 | 92.0 |
| 6 | 0.5 | 94 | 0.5 | 93 | 0.5 | 93 | 0.6 | 94 | 0.6 | 95 | 0.6 | 94 | 0.6 | 94 | 0.5 | 94 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.5 | 93 | 0.51 | **93.3** |
| 7 | 0.4 | 91 | 0.4 | 91 | 0.3 | 90 | 0.3 | 90 | 0.3 | 90 | 0.3 | 90 | 0.4 | 90 | 0.4 | 89 | 0.4 | 89 | 0.3 | 89 | 0.3 | 89 | 0.3 | 89 | 0.40 | 91.5 |
| 8 | 0.7 | 94 | 0.7 | 95 | 0.8 | 97 | 0.8 | 98 | 0.8 | 97 | 0.7 | 98 | 0.7 | 97 | 0.6 | 98 | 0.6 | 93 | 0.5 | 91 | 0.5 | 91 | 0.5 | 89 | 0.60 | 93.1 |
| 9 | 0.7 | 91 | 0.7 | 90 | 0.7 | 90 | 0.6 | 90 | 0.6 | 90 | 0.6 | 89 | 0.5 | 89 | 0.5 | 89 | 0.4 | 89 | 0.4 | 89 | 0.4 | 88 | 0.4 | 88 | 0.60 | 89.5 |
| 10 | 0.5 | 87 | 0.4 | 87 | 0.5 | 86 | 0.5 | 86 | 0.5 | 87 | 0.5 | 87 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 85 | 0.48 | 86.8 |
| 11 | 0.5 | 86 | 0.4 | 87 | 0.4 | 87 | 0.5 | 87 | 0.6 | 87 | 0.6 | 87 | 0.7 | 88 | 0.7 | 87 | 0.7 | 89 | 0.8 | 90 | 0.8 | 90 | 0.7 | 90 | 0.53 | 86.8 |
| 12 | 0.6 | 89 | 0.6 | 89 | 0.7 | 89 | 0.8 | 90 | 0.8 | 90 | 0.8 | 90 | 0.8 | 90 | 0.9 | 91 | 0.9 | 91 | 0.8 | 91 | **1.0** | 92 | **1.0** | 94 | 0.68 | 89.5 |
| 13 | 0.5 | 87 | 0.6 | 87 | 0.6 | 88 | 0.6 | 88 | 0.6 | 88 | 0.6 | 90 | 0.6 | 89 | 0.6 | 88 | 0.5 | 89 | 0.5 | 89 | 0.6 | 88 | 0.6 | 90 | 0.59 | 89.0 |
| 14 | 0.7 | 92 | 0.7 | 92 | 0.8 | 92 | 0.8 | 93 | 0.8 | 92 | 0.8 | 92 | 0.8 | 93 | 0.7 | 93 | 0.7 | 93 | 0.6 | 93 | 0.6 | 91 | 0.6 | 91 | **0.70** | 91.4 |
| 15 | 0.4 | 88 | 0.4 | 88 | 0.5 | 90 | 0.5 | 88 | 0.5 | 90 | 0.6 | 91 | 0.6 | 90 | 0.6 | 91 | 0.6 | 91 | 0.5 | 90 | 0.5 | 90 | 0.5 | 90 | 0.50 | 89.8 |
| 16 | 0.5 | 90 | 0.5 | 90 | 0.5 | 90 | 0.4 | 90 | 0.4 | 89 | 0.3 | 89 | 0.3 | 89 | 0.3 | 88 | 0.4 | 88 | 0.4 | 88 | 0.4 | 89 | 0.4 | 88 | 0.44 | 89.1 |
| 17 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | **0.2** | 85 | 0.2 | 85 | 0.2 | 85 | 0.2 | 85 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.26 | 85.4 |
| 18 | 0.7 | 92 | 0.7 | 92 | 0.6 | 91 | 0.6 | 85 | 0.6 | 86 | 0.7 | 89 | 0.6 | 89 | 0.6 | 88 | 0.5 | 87 | 0.5 | 86 | 0.4 | 86 | 0.4 | 84 | 0.53 | 88.3 |
| 19 | **0.2** | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.28 | 82.0 |
| 20 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.3 | 81 | 0.4 | 82 | 0.4 | 82 | 0.4 | 82 | 0.4 | 82 | 0.24 | **80.3** |
| 21 | 0.4 | 84 | 0.4 | 83 | 0.4 | 83 | 0.5 | 83 | 0.5 | 83 | 0.5 | 84 | 0.4 | 83 | 0.4 | 83 | 0.5 | 83 | 0.4 | 83 | 0.4 | 83 | 0.5 | 83 | 0.41 | 83.1 |
| 22 | 0.3 | 82 | 0.4 | 82 | 0.4 | 82 | 0.3 | 82 | 0.4 | 83 | 0.4 | 82 | 0.4 | 83 | 0.4 | 82 | 0.4 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.37 | 82.5 |
| 23 | 0.3 | 81 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 82 | 0.3 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.26 | 81.5 |
| 24 | 0.2 | 82 | 0.2 | 82 | 0.3 | 82 | 0.3 | 83 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.3 | 84 | 0.3 | 82 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.26 | 82.2 |
| 25 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 85 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | **0.23** | 83.9 |
| 26 | 0.3 | 85 | 0.3 | 85 | 0.3 | 86 | 0.3 | 85 | 0.3 | 86 | 0.3 | 84 | 0.3 | 84 | 0.4 | 84 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.28 | 84.2 |
| 27 | 0.4 | 85 | 0.3 | 85 | 0.4 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 85 | 0.4 | 84 | 0.4 | 84 | 0.5 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 86 | 0.38 | 84.5 |
| 28 | 0.6 | 87 | 0.7 | 87 | 0.6 | 87 | 0.6 | 87 | 0.6 | 87 | 0.7 | 89 | 0.7 | 90 | 0.7 | 90 | 0.7 | 92 | 0.6 | 90 | 0.6 | 89 | 0.6 | 88 | 0.56 | 87.3 |
| 29 | 0.6 | 87 | 0.6 | 87 | 0.6 | 86 | 0.5 | 86 | 0.6 | 86 | 0.5 | 86 | 0.5 | 86 | 0.6 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.58 | 87.0 |
| 30 | 0.5 | 85 | 0.5 | 85 | 0.5 | 86 | 0.5 | 85 | 0.5 | 86 | 0.5 | 85 | 0.5 | 86 | 0.4 | 86 | 0.4 | 85 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.48 | 85.3 |
| Среднее Mittel | 0.44 | 87.3 | 0.44 | 87.4 | 0.45 | 87.5 | 0.44 | 87.3 | 0.45 | 87.5 | 0.45 | **87.6** | 0.45 | **87.6** | 0.45 | 87.4 | 0.44 | 87.5 | 0.41 | 87.2 | 0.42 | 87.2 | 0.42 | 87.1 | 0.43 | 87.3 |

## Декабрь 1882. / December 1882.

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | Полдень. Mittag. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % |
| 1 | 0.3 | 75 | 0.3 | 75 | 0.3 | 75 | 0.3 | 75 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 83 | 0.2 | 81 | 0.2 | 81 | 0.2 | 80 | 0.2 | 80 |
| 2 | 0.1 | 80 | 0.1 | 80 | 0.2 | 79 | 0.1 | 79 | 0.1 | 80 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | **71** | 0.2 | **71** | 0.2 | 72 |
| 3 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 |
| 4 | 0.3 | 83 | 0.3 | 84 | 0.3 | 85 | 0.3 | 85 | 0.3 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 85 | 0.4 | 85 | 0.4 | 84 | 0.4 | 85 | 0.4 | 85 |
| 5 | 0.4 | 86 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.3 | 84 | 0.3 | 83 |
| 6 | 0.4 | 81 | 0.4 | 83 | 0.5 | 84 | 0.5 | 84 | 0.5 | 84 | 0.6 | 85 | 0.6 | 85 | 0.6 | 85 | 0.6 | 85 | 0.7 | 85 | 0.7 | 86 | 0.7 | 86 |
| 7 | 0.6 | 86 | 0.6 | 86 | 0.7 | 86 | 0.8 | 86 | 0.8 | 86 | **0.9** | 87 | 0.7 | 87 | 0.7 | 87 | 0.6 | 87 | 0.5 | 86 | 0.4 | 85 | 0.4 | 85 |
| 8 | 0.5 | 84 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 84 | 0.5 | 84 | 0.5 | 84 | 0.5 | 84 | 0.4 | 84 | 0.4 | 84 | 0.3 | 83 | 0.3 | 83 |
| 9 | 0.6 | 85 | 0.7 | 85 | 0.7 | 85 | 0.7 | 85 | 0.7 | 86 | 0.7 | 86 | 0.7 | 86 | 0.7 | 87 | 0.7 | 87 | 0.7 | 87 | 0.7 | 87 | 0.7 | 87 |
| 10 | 0.6 | 87 | 0.7 | 88 | 0.6 | 87 | 0.5 | 87 | 0.5 | 86 | 0.4 | 85 | 0.4 | 85 | 0.3 | 85 | 0.3 | 85 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 |
| 11 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 79 | 0.1 | 79 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 |
| 12 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.2 | 78 | 0.2 | 78 |
| 13 | 0.3 | 80 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 |
| 14 | 0.3 | 81 | 0.2 | 81 | 0.2 | 81 | 0.3 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 |
| 15 | 0.2 | 80 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 80 | 0.1 | 79 |
| 16 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 80 |
| 17 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.3 | 81 | 0.3 | 80 | 0.3 | 80 | 0.3 | 81 | 0.3 | 81 |
| 18 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.4 | 85 | 0.4 | 85 | 0.5 | 85 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 |
| 19 | 0.6 | 88 | 0.5 | 88 | 0.5 | 88 | 0.6 | 88 | 0.6 | 88 | 0.7 | 88 | 0.6 | 86 | 0.6 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 | 0.5 | 86 |
| 20 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 86 | 0.5 | 85 | 0.4 | 85 | 0.4 | 85 | 0.3 | 85 | 0.3 | 84 | 0.3 | 84 | 0.2 | 84 |
| 21 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 |
| 22 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.3 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 |
| 23 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 81 | 0.2 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 |
| 24 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 |
| 25 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 83 | 0.2 | 83 | 0.2 | 84 | 0.3 | 84 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 |
| 26 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.1 | 82 | 0.2 | 83 | 0.2 | 82 | 0.1 | 82 | 0.1 | 82 | 0.2 | 82 |
| 27 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 82 | 0.1 | 82 | 0.1 | 81 | 0.1 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 82 |
| 28 | 0.2 | 82 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 84 | 0.3 | 84 |
| 29 | 0.1 | 82 | 0.1 | 82 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 |
| 30 | 0.0 | 81 | 0.0 | 80 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 |
| 31 | 0.0 | 79 | 0.0 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 |
| Среднее Mittel | 0.27 | 81.7 | 0.28 | 81.8 | 0.29 | 81.8 | **0.29** | 81.7 | 0.28 | 82.2 | 0.29 | 82.2 | 0.28 | 82.1 | 0.29 | **82.3** | 0.27 | 82.1 | 0.26 | 81.7 | 0.26 | 81.7 | 0.26 | 81.7 |

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточныя среднія. Tages-mittel. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % | *mm* | % |
| 1 | 0.2 | 81 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.23 | 79.9 |
| 2 | 0.2 | 72 | 0.2 | 80 | 0.2 | 80 | 0.3 | 80 | 0.3 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.19 | 78.3 |
| 3 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 81 | 0.3 | 82 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.22 | 80.5 |
| 4 | 0.3 | 84 | 0.4 | 85 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 87 | 0.4 | 85 | 0.4 | 90 | 0.4 | 85 | 0.4 | 86 | 0.4 | 87 | 0.38 | 85.3 |
| 5 | 0.3 | 81 | 0.3 | 81 | 0.3 | 81 | 0.2 | 80 | 0.2 | 81 | 0.2 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 81 | 0.33 | 82.6 |
| 6 | 0.7 | 86 | 0.7 | 86 | 0.7 | 86 | 0.7 | 86 | 0.7 | 86 | 0.7 | 86 | 0.7 | 86 | 0.7 | 87 | 0.6 | 86 | 0.6 | 86 | 0.6 | 86 | 0.6 | 86 | 0.62 | 85.3 |
| 7 | 0.4 | 85 | 0.4 | 84 | 0.3 | 84 | 0.3 | 84 | 0.4 | 83 | 0.4 | 84 | 0.5 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.5 | 84 | 0.5 | 84 | 0.53 | 85.1 |
| 8 | 0.3 | 83 | 0.3 | 82 | 0.3 | 82 | 0.4 | 82 | 0.4 | 82 | 0.4 | 82 | 0.5 | 82 | 0.5 | 83 | 0.5 | 84 | 0.5 | 84 | 0.5 | 84 | 0.6 | 85 | 0.44 | 83.5 |
| 9 | 0.7 | 87 | 0.7 | 87 | 0.7 | 87 | 0.7 | 88 | 0.7 | 88 | 0.7 | 88 | 0.7 | 88 | 0.7 | 87 | 0.7 | 87 | 0.7 | 87 | 0.7 | 87 | 0.6 | 87 | **0.69** | **86.7** |
| 10 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.1 | 82 | 0.2 | 82 | 0.2 | 82 | 0.1 | 80 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.28 | 83.3 |
| 11 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.1 | 77 | 0.10 | **77.9** |
| 12 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 80 | 0.2 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 80 | 0.18 | 78.5 |
| 13 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.2 | 82 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.3 | 81 | 0.3 | 82 | 0.3 | 82 | 0.3 | 81 | 0.28 | 81.3 |
| 14 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.21 | 80.8 |
| 15 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.14 | 78.8 |
| 16 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.1 | 80 | 0.1 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.19 | 79.5 |
| 17 | 0.3 | 82 | 0.4 | 82 | 0.4 | 81 | 0.4 | 81 | 0.4 | 82 | 0.4 | 83 | 0.4 | 83 | 0.4 | 84 | 0.4 | 86 | 0.4 | 85 | 0.5 | 85 | 0.5 | 85 | 0.33 | 81.8 |
| 18 | 0.6 | 86 | 0.6 | 86 | 0.5 | 86 | 0.6 | 86 | 0.6 | 86 | 0.5 | 86 | 0.6 | 86 | 0.6 | 87 | 0.6 | 88 | 0.6 | 87 | 0.6 | 87 | 0.6 | 87 | 0.53 | 86.0 |
| 19 | 0.5 | 85 | 0.5 | 85 | 0.4 | 85 | 0.5 | 85 | 0.5 | 86 | 0.5 | 86 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.5 | 85 | 0.53 | 86.1 |
| 20 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.32 | 84.3 |
| 21 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.20 | 82.3 |
| 22 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.3 | 83 | 0.3 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.21 | 82.2 |
| 23 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 79 | 0.1 | 80 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 81 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.13 | 80.4 |
| 24 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.2 | 79 | 0.2 | 79 | 0.2 | 79 | 0.11 | 79.0 |
| 25 | 0.4 | 86 | 0.4 | 86 | 0.3 | 86 | 0.3 | 85 | 0.2 | 84 | 0.2 | 84 | 0/2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.25 | 83.5 |
| 26 | 0.2 | 82 | 0.2 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 81 | 0.1 | 82 | 0.1 | 83 | 0.1 | 82 | 0.15 | 82.3 |
| 27 | 0.2 | 81 | 0.1 | 82 | 0.2 | 82 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.2 | 81 | 0.2 | 81 | 0.2 | 81 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.16 | 81.5 |
| 28 | 0.3 | 84 | 0.3 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.23 | 82.8 |
| 29 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.1 | 80 | **0.0** | 80 | 0.0 | 80 | 0.09 | 80.5 |
| 30 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | **0.00** | 79.1 |
| 31 | 0.1 | 79 | 0.1 | 80 | 0.1 | 80 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.09 | 79.1 |
| Среднее Mittel | 0.26 | **81.6** | 0.26 | 81.8 | **0.25** | 81.8 | 0.26 | 81.8 | 0.25 | 81.8 | 0.25 | 81.8 | 0.27 | 81.7 | 0.26 | 81.7 | 0.26 | 82.0 | 0.26 | 81.8 | 0.27 | 81.9 | 0.27 | 81.9 | 0.27 | 81.9 |

# Влажность воздуха.

Высота гигрометра надъ землей / Höhe des Hygrometers über dem Boden } 2.4m

Среднее мѣстное время. / Mittlere Ortszeit.

## Январь 1883.

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | Полдень. Mittag. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % |
| 1 | 0.1 | **79** | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 78 |
| 2 | 0.1 | **79** | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 80 | 0.1 | 80 | 0.2 | 80 |
| 3 | 0.2 | 82 | 0.2 | 82 | **0.2** | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0 2 | 82 | 0.2 | 82 | 0.2 | 82 | **0.2** | 82 |
| 4 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 |
| 5 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0 2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 |
| 6 | 0.3 | 83 | 0.3 | 83 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 |
| 7 | 0.4 | 85 | 0.4 | 86 | 0.4 | 86 | 0.4 | 85 | 0.4 | 85 | 0 3 | 85 | 0.3 | 85 | 0.4 | 85 | 0.3 | 85 | 0.2 | 85 | 0.2 | 85 | 0.3 | 85 |
| 8 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 |
| 9 | 0.4 | 89 | 0.4 | 89 | 0.3 | 89 | 0.3 | 88 | 0.2 | 88 | 0.2 | 88 | 0.2 | 88 | 0.2 | 85 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 |
| 10 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 81 | 0.2 | 82 | 0.1 | 82 | 0.1 | 82 | 0.2 | 82 | 0.2 | 83 |
| 11 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 |
| 12 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 83 | 0.3 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 |
| 13 | 0.2 | 82 | 0.2 | 83 | 0.2 | **83** | 0.2 | 83 | 0.2 | 83 | 0.1 | 83 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 |
| 14 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 |
| 15 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 |
| 16 | 0.2 | 82 | 0.2 | 83 | 0.2 | **83** | 0.3 | 83 | 0.3 | 83 | 0.3 | 85 | 0.3 | 85 | 0.3 | 86 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 84 |
| 17 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.3 | 83 |
| 18 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.4 | 88 | 0.4 | 87 | 0.4 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.4 | 87 | 0.4 | 87 |
| 19 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 |
| 20 | 0.2 | 85 | 0.2 | 85 | 0.2 | 85 | 0.2 | 85 | 0.3 | 86 | 0.3 | 87 | 0.4 | 88 | 0.4 | 87 | 0.4 | 88 | 0.4 | 88 | 0.4 | 88 | 0.4 | 88 |
| 21 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.2 | 88 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0 2 | 87 | 0.2 | 87 | 0.2 | 86 | 0.2 | 87 | 0.2 | 86 |
| 22 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 84 | 0.1 | 85 | 0.1 | 85 |
| 23 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 |
| 24 | 0.1 | 83 | 0.1 | 83 | 0.2 | 83 | 0.1 | 83 | 0.1 | 84 | 0.1 | 84 | 0.1 | 83 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 |
| 25 | 0.2 | 84 | 0.2 | 84 | 0.2 | 85 | 0.1 | 84 | 0.2 | 84 | 0.2 | 84 | 0.1 | 85 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 |
| 26 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 84 | 0.1 | 84 | 0.2 | 84 | 0.2 | 84 | 0.1 | 84 | 0.1 | 84 |
| 27 | 0.1 | 83 | 6.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 84 | 0.1 | 84 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 |
| 28 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 |
| 29 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 81 | 0.1 | 81 |
| 30 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 |
| 31 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 79 | 0.1 | 79 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0 1 | 80 | 0.1 | 80 |
| Среднее Mittel | 0.19 | 83.1 | 0.19 | 83.2 | 0.19 | 83.3 | **0.18** | 83.2 | 0.19 | 83.1 | 0.18 | 83.3 | 0.18 | 83.2 | 0.18 | **83.4** | 0.18 | 83.3 | 0.18 | 83.3 | 0.18 | 83.4 | 0.19 | 83.2 |

## Feuchtigkeit der Luft.

## Januar 1883.

| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточныя средня. Tages-mittel. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % |
| 1 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.10 | **79.0** |
| 2 | 0.2 | 80 | 0.2 | 80 | 0.2 | 80 | 0.3 | 80 | 0.3 | 80 | 0.3 | 81 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 82 | 0.19 | 80.1 |
| 3 | 0.2 | 81 | 0.3 | 82 | 0.2 | 82 | 0.3 | 82 | 0.3 | 82 | 0.3 | 83 | 0.3 | 83 | 0.4 | 83 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.4 | 84 | 0.26 | 82.4 |
| 4 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.3 | 84 | 0.3 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.23 | 84.4 |
| 5 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.3 | 83 | 0.21 | 83.0 |
| 6 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 85 | 0.4 | 86 | **0.38** | 84.8 |
| 7 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.2 | 83 | 0.25 | 84.5 |
| 8 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.3 | 83 | 0.4 | 83 | 0.4 | 86 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.28 | 83.9 |
| 9 | 0.2 | 82 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.20 | 84.5 |
| 10 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 81 | 0.1 | 82 | 0.1 | 82 | 0.15 | 82.2 |
| 11 | 0.1 | 80 | 0.1 | 81 | 0.2 | 81 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.14 | 81.5 |
| 12 | 0.3 | 83 | 0.3 | 84 | 0.3 | 84 | 0.3 | 84 | 0.3 | 83 | 0.3 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 83 | 0.1 | 83 | 0.23 | 83.3 |
| 13 | 0.2 | 82 | 0.1 | 83 | 0.1 | 83 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.13 | 82.1 |
| 14 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.10 | 81.0 |
| 15 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.1 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.11 | 80.5 |
| 16 | 0.3 | 83 | 0.3 | 84 | 0.3 | 84 | 0.3 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.3 | 83 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.26 | 84.0 |
| 17 | 0.3 | 84 | 0.3 | 83 | 0.3 | 83 | 0.4 | 84 | 0.4 | 84 | 0.4 | 85 | 0.4 | 86 | 0.4 | 86 | **0.5** | 87 | **0.5** | 87 | 0.4 | 87 | 0.30 | 83.8 |
| 18 | 0.4 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.34 | 86.7 |
| 19 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.2 | 85 | 0.28 | 86.7 |
| 20 | 0.3 | 87 | 0.4 | 88 | 0.3 | 87 | 0.3 | 87 | 0.3 | 86 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 88 | 0.3 | 88 | 0.31 | **87.1** |
| 21 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 86 | 0.1 | 85 | 0.1 | 85 | 0.1 | 86 | 0.16 | 86.5 |
| 22 | 0.1 | 84 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 85 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.10 | 84.6 |
| 23 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.10 | 83.6 |
| 24 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 84 | 0.2 | 85 | 0.2 | 85 | 0.2 | 85 | 0.2 | 85 | 0.1 | 84 | 0.2 | 84 | 0.2 | 84 | 0.15 | 84.0 |
| 25 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 83 | 0.1 | 84 | 0.1 | 83 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.12 | 84.0 |
| 26 | 0.1 | 84 | 0.1 | 84 | 0.1 | 84 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.11 | 83.4 |
| 27 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 84 | 0.10 | 83.1 |
| 28 | 0.1 | 83 | 0.1 | 83 | 0.1 | 85 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.1 | 83 | 0.10 | 83.0 |
| 29 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.10 | 81.5 |
| 30 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.10 | 80.1 |
| 31 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | **0.0** | 80 | **0.09** | 79.5 |
| Среднее Mittel | 0.19 | 82.9 | 0.19 | 83.1 | 0.19 | 83.1 | **0.20** | 83.0 | 0.19 | 83.0 | 0.19 | 83.1 | 0.19 | 83.2 | 0.18 | 83.2 | 0.18 | 83.3 | 0.18 | 83.2 | 0.18 | 83.2 | 0.19 | 83.2 |

## Февраль 1883.

## Februar 1883.

| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточныя средня. Tages-mittel. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % | mm | % |
| 1 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.10 | 79.8 |
| 2 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.12 | 80.4 |
| 3 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 83 | 0.2 | 83 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 84 | 0.3 | 84 | 0.23 | 83.5 |
| 4 | 0.2 | 89 | 0.2 | 85 | 0.2 | 84 | 0.2 | 84 | 0.2 | 86 | 0.2 | 87 | 0.2 | 87 | 0.2 | 89 | 0.2 | 88 | 0.2 | 88 | 0.2 | 88 | 0.2 | 88 | 0.16 | 85.4 |
| 5 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0 1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.10 | 80.1 |
| 6 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | **0.0** | 78 | 0.0 | 78 | 0.0 | 78 | 0.08 | 78.3 |
| 7 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | **0.00** | 77.3 |
| 8 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | **76** | 0.0 | 76 | 0.0 | 76 | 0.0 | 76 | 0.0 | 76 | 0.00 | 76.8 |
| 9 | 0.0 | 77 | 0.0 | **77** | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | **76** | 0.0 | 76 | 0 0 | 76 | 0.0 | 76 | 0.0 | 76 | 0.0 | 76 | 0.0 | 76 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.00 | **76.5** |
| 10 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 78 | 0.0 | 77 | 0.0 | 78 | 0.0 | 77 | 0.0 | 77 | 0.00 | 77.1 |
| 11 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 78 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 79 | 0.0 | 77 | 0.00 | 77.1 |
| 12 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 77 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 79 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.0 | 78 | 0.03 | 77.9 |
| 13 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 79 | 0.0 | 79 | 0.0 | 78 | 0.1 | 79 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 79 | 0.1 | 79 | 0.1 | 80 | 0.1 | 79 | 0.1 | 80 | 0.1 | 80 | 0.08 | 78.9 |
| 14 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.2 | 82 | 0.2 | 82 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.15 | 81.8 |
| 15 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.2 | 84 | 0.2 | 84 | 0.2 | 85 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.20 | 83.0 |
| 16 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.2 | 82 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.12 | 81.1 |
| 17 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.10 | 79.7 |
| 18 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.06 | 79.1 |
| 19 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.1 | 79 | 0.0 | 79 | 0.1 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.04 | 78.7 |
| 20 | 0.0 | 78 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 78 | 0.0 | 78 | 0.0 | 79 | 0.0 | 79 | 0.0 | 79 | 0.0 | 78 | 0.1 | 78 | 0.1 | 79 | 0.0 | 79 | 0.0 | 79 | 0.02 | 78.6 |
| 21 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 79 | 0.0 | 79 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.1 | 78 | 0.1 | 78 | 0.1 | 79 | 0.1 | 79 | 0.0 | 79 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.03 | 78.3 |
| 22 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 79 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.0 | 78 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 79 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.1 | 81 | 0.06 | 79.0 |
| 23 | 0.2 | 82 | 0.2 | 82 | 0.2 | 83 | 0.2 | 83 | 0.2 | 84 | 0.2 | 85 | 0.3 | 88 | 0.3 | 88 | 0.3 | 88 | 0.3 | 86 | 0.3 | 86 | 0.3 | 85 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.3 | 87 | 0.28 | 85.8 |
| 24 | 0.3 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 86 | 0.3 | 86 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 87 | 0.2 | 88 | 0.2 | 86 | 0.2 | 86 | 0.2 | 86 | 0.2 | 86 | 0.21 | **86.8** |
| 25 | 0.2 | 86 | 8.2 | 86 | 0.2 | 86 | 0.2 | 86 | 0.2 | 86 | 0.2 | 86 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.2 | 83 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.2 | 85 | 0.2 | 84 | 0.24 | 84.7 |
| 26 | 0.2 | 84 | 0.2 | 83 | 0.2 | 83 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 82 | 0.1 | 81 | 0.1 | 82 | 0.1 | 82 | 0.2 | 82 | 0.2 | 83 | 0.2 | 84 | 0.3 | 84 | 0.3 | 85 | 0.3 | 86 | 0.3 | 86 | 0.3 | 86 | 0.3 | 85 | 0.21 | 83.6 |
| 27 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.3 | 86 | 0.3 | 86 | **0.4** | 87 | 0.4 | 86 | 0.4 | 86 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.4 | 87 | 0.3 | 86 | 0.3 | 86 | 0.3 | 85 | 0.2 | 85 | 0.2 | 85 | 0.1 | 84 | **0.33** | 86.0 |
| 28 | 0.1 | 84 | 0.1 | 82 | 0.1 | 81 | 0.1 | 81 | 0.1 | 80 | 0.1 | 80 | 0.1 | 80 | 0.1 | 81 | 0.2 | 82 | 0.2 | 83 | 0.3 | 84 | 0.3 | 85 | 0.4 | 85 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.4 | 86 | 0.3 | 85 | 0.3 | 85 | 0.3 | 85 | 0.26 | 83.8 |
| Среднее Mittel | **0.10** | 80.6 | 0.10 | **80.4** | 0.10 | 80.4 | 0.10 | 80.4 | 0.10 | 80.6 | 0.10 | 80.7 | 0.10 | 80.8 | 0.10 | 80.7 | 0.10 | 80.6 | 0.10 | 80.5 | 0.11 | 80.5 | 0.13 | 80.6 | 0.14 | 80.6 | 0.14 | 80.8 | 0.14 | 80.8 | 0.14 | **80.9** | 0.13 | 80.8 | 0 13 | 80.9 | 0.12 | 80.8 | 0.12 | 80.9 | 0.12 | 80.9 | 0.11 | 80.8 | 0.11 | 80.7 | 0.10 | 80.6 | 0.11 | 80.7 |

# Влажность воздуха.

**Мартъ 1883.**

Высота гигрометра надъ землей
Höhe des Hygrometers über dem Boden } 2.4m

Среднее мѣстное время.
Mittlere Ortszeit.



# Feuchtigkeit der Luft.

**März 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % |
| 1 | 0.2 81 | 0.2 83 | 0.2 83 | 0.2 82 | 0.2 82 | **0.1** 82 | 0.1 82 | 0.2 82 | 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 |
| 2 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 |
| 3 | 0.3 84 | 0.3 84 | 0.4 86 | 0.4 87 | 0.4 87 | 0.4 87 | 0.5 87 | 0.5 87 | 0.4 87 | 0.4 86 | 0.4 86 | 0.4 86 |
| 4 | 0.3 85 | 0.4 85 | 0.4 85 | 0.4 86 | 0.4 87 | 0.3 86 | 0.3 86 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 |
| 5 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 83 |
| 6 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | **0.1** 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 |
| 7 | 0.1 **80** | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.2 81 |
| 8 | 0.1 **80** | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 81 | 0.2 81 | 0.2 81 | 0.2 81 |
| 9 | 0.1 82 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.2 81 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 |
| 10 | 0.1 82 | 0.2 82 | 0.1 82 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.2 81 | 0.2 81 | 0 2 81 | 0.2 81 |
| 11 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.3 83 | 0.3 83 | 0.4 84 |
| 12 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | **0.2** 82 | 0.2 82 | 0.2 82 | 0.1 81 | 0.1 81 | 0.2 81 | 0.2 81 | 0.2 82 |
| 13 | 0.1 **80** | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.1 80 | 0.2 80 | 0.2 80 | 0.2 81 | 0.2 81 |
| 14 | 0.5 85 | 0.5 86 | 0.6 87 | 0.7 88 | 0.8 89 | 0.8 89 | 0.8 89 | 0.8 89 | 0.8 90 | 0.8 90 | 0.9 90 | 0.9 91 |
| 15 | 0.9 92 | 0.9 **92** | 0.9 92 | 0.8 92 | 0.8 92 | 0.6 91 | 0.6 90 | 0.6 90 | 0.7 90 | 0.6 90 | 0.6 89 | 0.7 90 |
| 16 | 0.2 86 | 0.2 86 | 0.2 85 | 0.2 85 | 0.2 85 | 0.2 85 | 0.2 85 | 0.2 85 | 0.2 85 | **0.2** 85 | 0.3 85 | 0.3 85 |
| 17 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.3 83 | 0.3 83 |
| 18 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.3 83 | 0.3 83 | 0.3 84 |
| 19 | 0.3 84 | 0.3 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.3 84 | 0.3 84 | 0.3 83 | 0.3 84 | 0.3 84 | **0.4** 84 | 0.4 84 |
| 20 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.1 83 | 0.1 83 | 0.1 83 | 0.1 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.3 83 |
| 21 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 **83** | 0.2 83 | 0.1 82 | 0.1 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 83 | 0.3 83 |
| 22 | 0.2 83 | 0.2 85 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 |
| 23 | 0.2 85 | 0.2 85 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 84 | 0.2 84 | 0.2 83 |
| 24 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.3 83 | 0.3 83 | 0.3 84 | 0.4 85 | 0.5 86 |
| 25 | 0.3 86 | 0.2 85 | 0.2 85 | 0.2 85 | 0.2 85 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.3 84 |
| 26 | 0.1 83 | 0.1 83 | 0.1 82 | 0.1 82 | 0.1 82 | 0.1 82 | 0.1 82 | 0.1 81 | 0.1 82 | 0.1 82 | 0.2 82 | 0.2 82 |
| 27 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.2 81 | 0.2 82 | 0.2 82 |
| 28 | 0.1 82 | 0.1 82 | 0.1 82 | 0.1 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 |
| 29 | 0.1 81 | 0.1 82 | 0.2 82 | 0.1 82 | 0.1 82 | 0.1 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.3 83 | 0.3 83 |
| 30 | 0.2 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 83 | 0.3 83 | 0.3 83 | 0.4 83 | 0.4 84 | 0.4 85 | 0.5 85 | 0.5 85 |
| 31 | 0.3 86 | 0.3 86 | 0.3 86 | 0.3 86 | 0.4 86 | 0.4 86 | 0.5 86 | 0.5 86 | 0.6 87 | 0.7 88 | 0.7 89 | 0.8 89 |
| Среднее Mittel | **0.21** 83.3 | 0.22 83.2 | 0.22 83.2 | **0.21** 83.2 | 0.22 83.2 | **0.21** 83.1 | 0.22 **82.9** | 0.24 82.9 | 0.26 83.0 | 0.27 83.2 | 0.29 83.3 | 0.32 83.6 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средняя. Tages-mittel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % |
| 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.1 82 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | **0.1** 80 | 0.16 81.7 |
| 0.1 **80** | 0.1 81 | 0.1 81 | 0.2 81 | 0.2 81 | 0.2 82 | 0.2 83 | 0.3 83 | 0.3 83 | 0.3 84 | 0.2 83 | 0.3 83 | 0.16 81.5 |
| 0.5 87 | **0.4** 87 | 0.4 86 | 0.4 86 | 0.4 86 | 0.4 86 | 0.4 85 | 0.4 87 | 0.4 87 | 0.4 86 | 0.4 86 | 0.3 86 | 0.40 86.2 |
| 0.5 85 | 0.4 85 | 0.4 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.2 85 | 0.2 84 | 0.2 84 | 0.2 84 | 0.31 85.1 |
| 0.2 83 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.1 82 | 0.1 81 | 0.19 82.6 |
| 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 81 | 0.1 80 | **0.1** 80 | 0.12 80.7 |
| 0.2 81 | 0.2 81 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.1 82 | 0.1 82 | 0.1 81 | 0.1 81 | 0.1 80 | 0.1 80 | **0.12 80.6** |
| 0.2 81 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.1 82 | 0.1 82 | 0.1 81 | 0.15 81.1 |
| 0.2 82 | 0.2 82 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 82 | 0.2 82 | 0.2 82 | 0.17 82.0 |
| 0.2 81 | 0.2 82 | 0.3 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.2 82 | 0.18 81.6 |
| 0.4 84 | 0.4 84 | 0.4 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.2 84 | 0.2 83 | 0.26 83.0 |
| 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.1 81 | 0.1 81 | 0.1 81 | **0.1** 80 | 0.1 81 | 0.17 81.4 |
| 0.2 81 | 0.2 81 | 0.2 81 | 0.2 81 | 0.2 82 | 0.2 82 | 0.2 82 | 0.3 82 | 0.3 83 | 0.3 83 | 0.4 84 | 0.4 85 | **0.20** 81.2 |
| 0.9 91 | **1.0** 92 | 1.0 92 | 0.9 92 | 0.9 92 | 0.9 92 | 0.8 92 | 0.8 92 | 0.9 92 | 0.9 92 | 0.9 92 | 1.0 92 | **0.82 90.3** |
| 0.6 90 | 0.6 90 | 0.6 90 | 0.6 89 | 0.5 89 | 0.4 88 | 0.4 88 | 0.3 88 | 0.3 87 | 0.3 87 | 0.3 86 | 0.2 86 | 0.58 89.5 |
| 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 84 | 0.3 85 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.24 84.8 |
| 0.3 83 | 0.3 83 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.25 83.5 |
| 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.2 84 | 0.2 84 | 0.25 83.5 |
| 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.2 85 | 0.2 85 | 0.2 84 | 0.2 84 | 0.29 84.3 |
| 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.20 83.0 |
| 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 81 | 0.2 83 | 0.2 83 | 0.21 82.7 |
| 0.3 85 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.2 85 | 0.2 85 | 0.27 83.8 |
| 0.3 83 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.2 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.22 83.6 |
| 0.5 86 | 0.5 87 | 0.5 87 | 0.5 87 | 0.4 87 | 0.4 87 | 0.4 87 | 0.4 86 | 0.4 86 | 0.4 87 | 0.4 86 | 0.4 86 | 0.35 85.1 |
| 0.3 84 | 0.3 84 | 0.2 84 | 0.3 84 | 0.2 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.1 83 | 0.2 84 | 0.22 84.0 |
| 0.2 82 | 0.2 82 | 0.2 83 | 0.2 83 | 0.2 82 | 0.1 82 | 0.2 82 | 0.2 82 | 0.1 82 | 0.1 81 | 0.1 81 | 0.1 81 | 0.13 82.0 |
| 0.3 83 | 0.3 83 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.2 84 | 0.2 83 | 0.2 83 | 0.1 82 | 0.1 82 | 0.1 82 | 0.17 82.1 |
| 0.2 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.2 83 | 0.1 82 | 0.1 82 | 0.1 82 | 0.19 82.4 |
| 0.3 84 | 0.4 84 | 0.4 84 | 0.4 85 | 0.3 85 | 0.3 85 | 0.3 85 | 0.2 85 | 0.2 84 | 0.2 84 | 0.2 84 | 0.2 84 | 0.23 83.3 |
| 0.5 86 | 0.6 87 | 0.6 88 | 0.6 88 | 0.5 88 | 0.5 88 | 0.5 88 | 0.4 88 | 0.4 88 | 0.4 87 | 0.4 87 | 0.3 87 | 0.39 85.6 |
| 0.8 90 | 0.9 90 | 0.9 90 | 0.8 90 | 0.8 90 | 0.8 90 | 0.8 90 | 0.7 90 | 0.6 90 | 0.5 89 | 0.5 89 | 0.5 89 | 0.57 88.2 |
| 0.33 83.8 | **0.35** 84.1 | 0.34 84.2 | 0.34 **84.2** | 0.29 84.2 | 0.27 84.1 | 0.27 84.1 | 0.25 84.1 | 0.25 83.7 | 0.24 83.7 | 0.24 83.6 | 0.22 83.5 | 0.26 83.6 |

# Апрѣль 1883.

**April 1883.**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.6 89 | 0.5 89 | 0.5 87 | 0.4 88 | 0.4 87 | 0.4 87 | 0.4 87 | 0.5 87 | 0.5 86 | 0.5 87 | 0.5 87 | 0.6 87 | 0.7 88 | 0.7 89 | 0.7 88 | 0.6 88 | 0.5 88 | 0.5 88 | 0.4 88 | 0.4 88 | 0.4 87 | 0.4 86 | 0.4 86 | 0.50 87.4 |
| 2 | 0.3 86 | 0.3 86 | 0.3 86 | 0.3 86 | 0.3 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.5 86 | 0.5 85 | 0.5 85 | 0.5 86 | 0.5 86 | 0.5 86 | 0.5 86 | 0.4 86 | 0.4 86 | 0.3 85 | 0.3 85 | 0.3 85 | 0.38 85.4 |
| 3 | 0.3 85 | 0.3 84 | **0.2** 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.4 84 | 0.5 85 | 0.5 85 | 0.6 87 | 0.7 87 | 0.7 87 | 0.6 87 | 0.6 87 | 0.6 87 | 0.6 87 | 0.6 87 | 0.5 86 | 0.5 86 | 0.5 86 | 0.48 85.5 |
| 4 | 0.6 **87** | 0.6 87 | 0.6 87 | 0.6 87 | 0.6 87 | 0.7 87 | 0.7 87 | 0.7 87 | 0.8 87 | 0.9 87 | 0.9 87 | 0.9 87 | 0.9 87 | 0.9 87 | 0.8 87 | 0.7 87 | 0.6 87 | 0.6 87 | 0.5 87 | 0.4 86 | 0.4 86 | 0.4 86 | 0.3 86 | 0.66 86.8 |
| 5 | 0.3 86 | 0.3 85 | 0.3 85 | 0.3 85 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.5 84 | 0.5 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | **0.37** 84.3 | |
| 6 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 84 | 0.3 85 | 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.3 83 | 0.4 83 | 0.4 83 | 0.5 83 | 0.5 83 | 0.5 83 | 0.5 83 | 0.5 83 | 0.4 85 | 0.4 85 | 0.4 85 | 0.4 85 | 0.5 85 | 0.40 84.0 | |
| 7 | 0.5 85 | 0.5 85 | 0.6 85 | 0.6 85 | 0.7 85 | 0.8 86 | 0.9 88 | 1.0 90 | 1.1 93 | 1.2 93 | 1.2 95 | 1.2 95 | 1.2 95 | 1.1 95 | 1.1 95 | 1.0 95 | 1.0 95 | 1.0 91 | 1.0 91 | 1.0 92 | 1.0 92 | 1.1 91 | 1.2 91 | 0.95 91.2 |
| 8 | 1.2 91 | 1.3 93 | 1.3 93 | 1.2 84 | 1.3 84 | 1.3 84 | 1.3 84 | 1.3 84 | 1.2 84 | 1.2 83 | 1.2 83 | 1.3 83 | 1.3 83 | 1.3 83 | 1.2 82 | 1.1 82 | 1.0 81 | 1.0 81 | 1.0 81 | 1.0 **80** | 1.0 81 | 1.0 81 | 1.0 81 | 1.20 83.8 | |
| 9 | 0.9 81 | **0.9** 81 | 0.9 81 | 0.9 81 | 1.0 81 | 1.0 81 | 1.1 82 | 1.2 82 | 1.2 82 | 1.4 83 | 1.5 84 | 1.5 85 | 1.6 86 | 1.7 87 | 1.7 87 | 1.8 88 | 1.8 88 | 1.8 89 | **2.0** 95 | 1.7 86 | 1.8 94 | 1.8 94 | 1.8 95 | **1.45** 86.5 | |
| 10 | 1.8 95 | 1.8 98 | 1.8 98 | 1.4 94 | 1.3 93 | 1.2 93 | 1.0 92 | 1.0 92 | 0.9 91 | 0.9 91 | 0.9 91 | 0.8 90 | 0.8 90 | 0.9 90 | 0.9 90 | 0.8 90 | 0.8 89 | 0.7 89 | 0.6 89 | 0.5 89 | 0.4 89 | 0.4 89 | 0.4 89 | 0.93 **91.3** | |
| 11 | 0.4 89 | 0.3 89 | 0.3 89 | 0.3 89 | 0.3 88 | 0 3 88 | 0.3 88 | 0.4 88 | 0.4 88 | 0.5 87 | 0.5 87 | 0.5 87 | 0.6 87 | 0.6 87 | 0.6 87 | 0.7 87 | 0.7 87 | 0.6 87 | 0.6 87 | 0.6 87 | 0.7 87 | 0.7 87 | 0.7 87 | 0.52 87.5 | |
| 12 | 0.8 87 | 0.8 88 | 0.8 88 | 0.8 88 | 0.8 88 | 0.8 88 | 0.8 88 | **0.8** 88 | 0.9 88 | 0.8 87 | 0.8 87 | 0.9 88 | 0.8 88 | 0.9 88 | 0.9 88 | 0.8 88 | 0.8 88 | 0.8 88 | 0.8 88 | 0.8 87 | 0.8 87 | 0.8 87 | 0.8 87 | 0.91 88.0 | |
| 13 | 0.7 87 | 0.5 86 | 0.5 86 | 0.5 86 | 0.5 85 | 0.5 85 | 0.7 85 | 0.9 86 | 1.0 87 | 1.1 87 | 1.1 88 | 1.1 88 | 1.1 88 | 1.1 88 | 1.1 88 | 1.0 88 | 1.0 88 | 1.0 89 | 1.0 89 | 1.0 89 | 0.9 88 | 0.8 87 | 0.8 87 | 1.01 87.6 | |
| 14 | 1.1 90 | 1.1 90 | 1.1 90 | 1.1 90 | 1.1 90 | 1.1 89 | 1.1 89 | 1.1 89 | 1.2 89 | 1.2 88 | 1.3 88 | 1.2 88 | 1.0 88 | 1.2 88 | 1.2 88 | 1.2 88 | 1.2 88 | 1.3 88 | 1.3 89 | 1.4 90 | 1.4 90 | 1.3 90 | 1.4 90 | 1.0 90 | 1.31 89.2 | |
| 15 | 1.3 90 | 1.4 91 | 1.3 90 | 1.3 90 | 1.1 90 | 1.2 90 | 1.2 90 | 1.2 90 | 1.3 90 | 1.4 90 | 1.2 90 | 1.0 90 | 1.0 90 | 1.0 90 | 1.0 90 | 1.0 89 | 1.0 89 | 1.0 89 | 1.0 89 | 1.0 89 | 1.0 88 | 0.9 88 | 0.8 87 | 0.8 87 | 0.94 88.9 | |
| 16 | 0.4 87 | 0.4 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.5 84 | 0.5 84 | 0.6 84 | 0.6 85 | 0.7 85 | 0.7 85 | 0.8 86 | 0.8 86 | 0.9 86 | 0.9 86 | 0.9 86 | 0.8 86 | 0.8 86 | 0.8 86 | 0.7 86 | 0.67 85.3 | |
| 17 | 0.6 85 | 0.5 85 | 0.7 85 | 0.8 85 | 0.8 85 | 0.8 86 | 0.8 86 | 0.8 85 | 1.0 86 | 1.0 86 | 1.1 86 | 1.1 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 1.2 86 | 0.79 85.3 | |
| 18 | 0.4 84 | 0.3 84 | 0.4 84 | 0.4 84 | 0.3 84 | 0.4 84 | 0.4 84 | 0.4 84 | 0.5 84 | 0.5 84 | 0.6 84 | 0.7 84 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.8 85 | 0.68 **83.7** | |
| 19 | 0.5 84 | 0.5 84 | 0.5 83 | 0.5 83 | 0.5 83 | 0.5 83 | 0.5 83 | 0.6 82 | 0.7 82 | 0.7 81 | 0.8 81 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.9 82 | 0.70 **83.7** | |
| 20 | 0.4 84 | 0.4 84 | 0.3 84 | 0.4 83 | 0.4 83 | 0.4 83 | 0.5 85 | 0.6 85 | 0.7 85 | 0.8 84 | 0.9 85 | 0.9 85 | 0.9 85 | 1.0 86 | 1.0 86 | 1.0 87 | 1.1 88 | 1.1 88 | 1.0 88 | 0.9 88 | 0.8 88 | 0.7 88 | 0.7 89 | 0.77 86.0 | |
| 21 | 0.7 89 | 0.7 88 | 0.7 88 | 0.7 88 | 0.7 88 | 0.7 88 | 0.7 86 | 0.8 84 | 0.8 84 | 0.9 84 | 0.9 85 | 0.9 85 | 0.9 85 | 1.0 86 | 1.0 87 | 1.0 86 | 1.0 86 | 1.0 85 | 1.0 87 | 0.9 87 | 0.8 88 | 0.7 87 | 0.6 88 | 0.6 88 | 0.5 88 | 0.80 86.7 | |
| 22 | 0.5 87 | 0.5 87 | 0.4 86 | 0.4 86 | 0.5 86 | 0.5 86 | 0.6 86 | 0.6 87 | 0.7 86 | 0.7 84 | 0.7 85 | 0.8 84 | 0.8 84 | 0.8 84 | 0.8 84 | 0.7 84 | 0.6 84 | 0.5 86 | 0.5 85 | 0.5 85 | 0.5 85 | 0.4 85 | 0.5 85 | 0.62 85.2 | |
| 23 | 0.4 84 | 0.4 84 | 0.4 84 | 0.4 **84** | 0.4 84 | 0.4 84 | 0.4 84 | 0.5 85 | 0.5 86 | 0.6 86 | 0.7 84 | 0.7 82 | 0.7 82 | 0.8 84 | 0.8 84 | 0.8 84 | 0.8 84 | 0.8 84 | 0.8 84 | 0.8 88 | 0.8 88 | 0.8 87 | 0.8 87 | 0.68 85.3 | |
| 24 | 0.5 87 | 0.5 87 | 0.5 87 | 0.5 87 | 0.5 87 | 0.5 86 | 0.5 86 | 0.6 86 | 0.7 85 | 0.8 85 | 0.9 86 | 0.9 86 | 0.9 86 | 1.0 87 | 1.1 88 | 1.0 88 | 1.0 88 | 0.8 87 | 0.7 87 | 0.8 89 | 0.8 89 | 0.8 89 | 0.8 89 | 0.83 89.0 | |
| 25 | 0.7 94 | 0.7 91 | 0.7 91 | 0.7 91 | 0.7 91 | 0.8 91 | 0.7 91 | 0.8 91 | 0.8 91 | 0.9 92 | 1.0 92 | 1.0 93 | 1.0 93 | 1.0 93 | 1.0 93 | 0.9 92 | 0.8 92 | 0.8 91 | 0.7 90 | 0.6 89 | 0.6 89 | 0.5 88 | 0.5 88 | 0.82 91.0 | |
| 26 | 0.5 88 | 0.5 88 | 0.5 88 | 0.5 88 | 0.5 88 | 0.6 88 | 0.8 89 | 0.9 89 | 1.0 90 | 1.1 92 | 1.3 93 | 1.3 93 | 1.3 92 | 1.3 92 | 1.2 92 | 1.3 92 | 1.2 92 | 1.2 92 | 1.1 92 | 1.1 92 | 1.1 92 | 1.1 92 | 1.1 92 | 1.01 90.9 | |
| 27 | 1.0 92 | 1.1 92 | 1.0 92 | 1.1 92 | 1.1 92 | 1.1 92 | 1.2 91 | 1.2 90 | 1.3 90 | 1.3 89 | 1.3 88 | 1.3 88 | 1.2 88 | 1.1 84 | 1.1 84 | 1.0 83 | 1.0 82 | 0.8 83 | 0.7 83 | 0.8 83 | 0.7 83 | 0.7 84 | 0.7 84 | 1.08 87.3 | |
| 28 | 0.7 84 | 0.7 85 | 0.6 85 | 0.6 85 | 0.6 85 | 0.7 85 | 0.8 85 | 0.8 85 | 0.9 85 | 1.0 84 | 1.0 84 | 1.0 84 | 1.0 83 | 0.9 83 | 0.8 83 | 0.8 83 | 0.8 84 | 0.8 84 | 0.8 88 | 0.8 90 | 0.8 90 | 0.8 90 | 0.8 90 | 0.78 86.0 | |
| 29 | 0.4 85 | 0.4 86 | 0.5 86 | 0.5 86 | 0.5 86 | 0.6 86 | 0.6 87 | 0.7 89 | 0.8 89 | 0.8 89 | 0.9 85 | 0.9 85 | 0.9 85 | 1.0 85 | 1.0 85 | 1.0 85 | 1.1 86 | 1.0 87 | 1.1 88 | 1.0 88 | 0.8 87 | 0.7 87 | 0.8 89 | 0.66 86.8 | |
| 30 | 0.8 90 | 0.8 90 | 0.8 90 | 0.8 90 | 0.8 90 | **0.9** 91 | 1.0 91 | 1.0 90 | 0.9 88 | 1.0 87 | 0.9 86 | 1.0 84 | 1.0 84 | 1.0 83 | 1.0 83 | 1.0 82 | 0.9 82 | 0.8 83 | 0.8 84 | 0.8 88 | 0.8 90 | 0.8 90 | 0.8 90 | 0.78 86.0 | |
| Среднее Mittel | 0.65 87.2 | 0.64 87.2 | 0.64 87.0 | **0.63** 86.5 | 0.65 86.3 | 0.66 86.4 | 0.71 86.5 | 0.76 86.5 | 0.81 86.4 | 0.87 **86.2** | 0.89 86.4 | 0.91 86.4 | 0.97 86.8 | 0.98 86.8 | **0.99** 86.9 | **0.99** 86.9 | 0.96 87.0 | 0.92 86.8 | 0.87 87.2 | 0.80 87.0 | 0.76 87.4 | 0.74 **87.5** | 0.73 87.4 | 0.68 87.3 | 0.80 86.9 | |

# Влажность воздуха.

## Май 1883.

Высота гигрометра надъ землей / Höhe des Hygrometers über dem Boden } 2.4$^m$

Среднее мѣстное время. / Mittlere Ortszeit.



# Feuchtigkeit der Luft.

## Mai 1883.

| Число. Datum. | 1 mm | 1 % | 2 mm | 2 % | 3 mm | 3 % | 4 mm | 4 % | 5 mm | 5 % | 6 mm | 6 % | 7 mm | 7 % | 8 mm | 8 % | 9 mm | 9 % | 10 mm | 10 % | 11 mm | 11 % | Полдень. Mittag. mm | Полдень. Mittag. % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.1 | 90 | 1.1 | 91 | 1.2 | 92 | 1.2 | 92 | 1.1 | 91 | 1.2 | 90 | 1.2 | 90 | 1.2 | 90 | 1.2 | 90 | 1.2 | 89 | 1.2 | 88 | 1.2 | 87 |
| 2 | 0.7 | 89 | 0.7 | 88 | 0.8 | 85 | 0.9 | 86 | 1.1 | 88 | 1.4 | 90 | 1.7 | 92 | 1.9 | 92 | 2.2 | 93 | 2.3 | 94 | 2.4 | 95 | 2.4 | 95 |
| 3 | 1.1 | 94 | 1.2 | 94 | 1.3 | 94 | 1.4 | 94 | 1.5 | 94 | 1.5 | 94 | 1.6 | 94 | 1.8 | 94 | 2.0 | 93 | 1.9 | 93 | 1.6 | 93 | 1.4 | 93 |
| 4 | **0.6** | 91 | 0.7 | 91 | 0.8 | 91 | 0.9 | 91 | 0.9 | 91 | 0.8 | 91 | 0.9 | 91 | 1.0 | 91 | 1.1 | 90 | 1.2 | 90 | 1.3 | 89 | 1.4 | 88 |
| 5 | 0.8 | 88 | 0.7 | 88 | 0.7 | 88 | 0.9 | 88 | 1.1 | 88 | 1.2 | 88 | 1.4 | 89 | 1.4 | 89 | 1.6 | 90 | 1.6 | 91 | 1.6 | 90 | 1.6 | 90 |
| 6 | 1.0 | 91 | 1.1 | 91 | 1.2 | 91 | 1.3 | 92 | 1.4 | 92 | 1.4 | 92 | 1.5 | 93 | 1.7 | 93 | 1.8 | 92 | 1.8 | 92 | 1.7 | 92 | 1.7 | 91 |
| 7 | 1.3 | 91 | 1.4 | 91 | 1.3 | 90 | 1.3 | 90 | 1.1 | 91 | 1.2 | 91 | 1.3 | 90 | 1.4 | 90 | 1.4 | 90 | 1.5 | 90 | 1.6 | 90 | 1.4 | 89 |
| 8 | 2.5 | 93 | 2.4 | 93 | 2.5 | 93 | 2.6 | 93 | 2.8 | 94 | 2.8 | 94 | 2.8 | 94 | 2.9 | 95 | 3.0 | 95 | 3.0 | 95 | 2.8 | 95 | 2.6 | 94 |
| 9 | 1.4 | 91 | 1.4 | 91 | 1.4 | 91 | 1.1 | 91 | 1.5 | 91 | 1.6 | 91 | 1.8 | 91 | 1.9 | 91 | 2.1 | 91 | 2.3 | 91 | 2.2 | 91 | 2.2 | 90 |
| 10 | 0.9 | 89 | 0.9 | 89 | 1.1 | 89 | 1.0 | 89 | 0.9 | 89 | 0.8 | 88 | 0.9 | 86 | 1.0 | 85 | 1.0 | 83 | 1.0 | 83 | 1.1 | 81 | 1.0 | 82 |
| 11 | 0.9 | 88 | 0.9 | 90 | 0.9 | 89 | 0.8 | 87 | 0.8 | 86 | 0.9 | 87 | 1.0 | 89 | 1.1 | 87 | 1.2 | 86 | 1.3 | 85 | 1.3 | 83 | 1.3 | 82 |
| 12 | 1.1 | 88 | 1.1 | 88 | 1.1 | 88 | 1.1 | 88 | 1.1 | 88 | 1.2 | 88 | 1.2 | 89 | 1.2 | 89 | 1.3 | 89 | 1.4 | 89 | 1.5 | 89 | 1.6 | 89 |
| 13 | 1.4 | 91 | 1.5 | 91 | 1.6 | 92 | 1.6 | 92 | 1.6 | 92 | 1.3 | 92 | 1.3 | 91 | 1.5 | 91 | 1.7 | 91 | 1.8 | 91 | 1.7 | 91 | 1.8 | 91 |
| 14 | 1.5 | 95 | 1.4 | 95 | 1.4 | 95 | 1.4 | 95 | 1.5 | 98 | 1.5 | 96 | 1.6 | 96 | 1.6 | 96 | 1.7 | 96 | 1.9 | 96 | 1.8 | 96 | 2.1 | 96 |
| 15 | 2.0 | 100 | 2.0 | 99 | 1.9 | 99 | 2.0 | 99 | 1.9 | 98 | 2.0 | 98 | 2.2 | 99 | 2.3 | 99 | 2.3 | 100 | 2.4 | 100 | 2.5 | 100 | 2.6 | 100 |
| 16 | 3.1 | 100 | 3.1 | 100 | 2.9 | 100 | 3.0 | 100 | 3.0 | 100 | 3.2 | 100 | 3.6 | 100 | 3.7 | 100 | 3.9 | 99 | 4.0 | 99 | 4.0 | 100 | 4.0 | 100 |
| 17 | 3.0 | 97 | 3.0 | 97 | 3.0 | 97 | 2.9 | 98 | 3.0 | 97 | 3.0 | 97 | 3.0 | 97 | 3.1 | 97 | 3.1 | 97 | 3.0 | 96 | 3.1 | 96 | 3.1 | 96 |
| 18 | 2.3 | 95 | 2.2 | 95 | 2.0 | 95 | 2.0 | 94 | 2.0 | 94 | 2.1 | 94 | 2.2 | 94 | 2.2 | 94 | 2.3 | 94 | 2.5 | 94 | 2.5 | 94 | 2.5 | 95 |
| 19 | 2.8 | 98 | 2.8 | 98 | 2.9 | 98 | 2.9 | 98 | 3.1 | 98 | 3.3 | 98 | 3.2 | 96 | 3.0 | 96 | 3.1 | 95 | 3.1 | 94 | 3.3 | 94 | 3.3 | 94 |
| 20 | 3.3 | 97 | 2.9 | 96 | 2.8 | 95 | 2.8 | 95 | 2.7 | 94 | 2.8 | 90 | 3.0 | 88 | 2.9 | 86 | 2.9 | 85 | 2.9 | 84 | 2.9 | 84 | 3.3 | 86 |
| 21 | 1.3 | 90 | 1.2 | 88 | 1.2 | 85 | 1.4 | 85 | **1.7** | 87 | 2.1 | 93 | 2.4 | 92 | 2.8 | 92 | 3.0 | 89 | 3.1 | 81 | 3.1 | 76 | 3.2 | 77 |
| 22 | 2.2 | 97 | 2.2 | 97 | 2.2 | 96 | 2.3 | 97 | 2.4 | 96 | 2.4 | 97 | 2.5 | 96 | 3.1 | 96 | 2.9 | 95 | 2.7 | 91 | 2.9 | 90 | 2.8 | 90 |
| 23 | 2.4 | 90 | 2.4 | 95 | 2.3 | 94 | 2.3 | 94 | 2.1 | 93 | 2.1 | 91 | 2.1 | 92 | 2.1 | 92 | 2.2 | 91 | 2.2 | 90 | 2.4 | 90 | 2.4 | 90 |
| 24 | 1.5 | 90 | 1.3 | 88 | 1.2 | 88 | 1.2 | 86 | 1.1 | 86 | 1.2 | 85 | 1.4 | 84 | 1.5 | 85 | 1.7 | 85 | 1.8 | 85 | 1.8 | 86 | 1.8 | 84 |
| 25 | 1.6 | 91 | 1.5 | 91 | 1.7 | 92 | 1.7 | 91 | 1.6 | 91 | 1.8 | 97 | 1.8 | 87 | 2.2 | 94 | 2.2 | 83 | 2.3 | 85 | 2.4 | 83 | 2.5 | 80 |
| 26 | 2.2 | 94 | 2.3 | 94 | 2.4 | 95 | 2.4 | 94 | 2.5 | 95 | 2.6 | 95 | 2.7 | 94 | 2.9 | 93 | 3.0 | 90 | 3.3 | 90 | 3.4 | 90 | 3.5 | 92 |
| 27 | 3.4 | 98 | 3.4 | 98 | 3.4 | 98 | 3.4 | 97 | 3.4 | 96 | 3.5 | 94 | 3.6 | 91 | 3.6 | 91 | 3.6 | 89 | 3.7 | 91 | 3.9 | 89 | 3.6 | 89 |
| 28 | 3.8 | 96 | 3.8 | 93 | 4.0 | 93 | 4.2 | 96 | 4.2 | 96 | 4.2 | 96 | 4.3 | 96 | 4.5 | 97 | 4.6 | 97 | 4.7 | 97 | 4.9 | 97 | 4.9 | 94 |
| 29 | 4.7 | 98 | 4.8 | 98 | 4.8 | 98 | 4.8 | 97 | 4.9 | 97 | **5.4** | 93 | 5.0 | 91 | 5.0 | 92 | 5.0 | 94 | 4.9 | 87 | 5.1 | 89 | 5.0 | 96 |
| 30 | 4.4 | 98 | 4.3 | 98 | 4.2 | 98 | 4.0 | 98 | 3.9 | 98 | 3.7 | 97 | 3.6 | 96 | 3.5 | 95 | 3.5 | 95 | 3.6 | 95 | 3.6 | 94 | 3.7 | 93 |
| 31 | 2.9 | 96 | 2.9 | 95 | 2.9 | 95 | 2.9 | 95 | 3.0 | 95 | 3.0 | 93 | 3.0 | 91 | 3.1 | 88 | 3.3 | 86 | 3.3 | 84 | 3.4 | 84 | 3.4 | 79 |
| Среднее Mittel | 2.04 | 93.4 | **2.02** | 93.3 | 2.04 | 93.0 | 2.05 | 93.0 | 2.09 | 93.0 | 2.17 | 92.9 | 2.25 | 92.2 | 2.36 | 92.3 | 2.45 | 91.4 | 2.51 | 90.7 | 2.55 | 90.3 | 2.56 | 90.1 |

| Число. Datum. | 1 mm | 1 % | 2 mm | 2 % | 3 mm | 3 % | 4 mm | 4 % | 5 mm | 5 % | 6 mm | 6 % | 7 mm | 7 % | 8 mm | 8 % | 9 mm | 9 % | 10 mm | 10 % | 11 mm | 11 % | 12 mm | 12 % | Суточныя среднія. Tagesmittel. mm | Суточныя среднія. Tagesmittel. % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.3 | 86 | 1.3 | 86 | 1.3 | 86 | 1.3 | 84 | 1.3 | 83 | 1.3 | 83 | 1.3 | 85 | 1.4 | 90 | 1.3 | 89 | 0.9 | 82 | 0.8 | 84 | 0.7 | 90 | 1.18 | 87.8 |
| 2 | 2.6 | 96 | 2.7 | 96 | 3.0 | 97 | 3.0 | 97 | 2.7 | 97 | 2.1 | 94 | 1.9 | 94 | 1.9 | 94 | 1.5 | 93 | 1.1 | 94 | 1.0 | 94 | 1.0 | 94 | 1.79 | 92.8 |
| 3 | 1.6 | 93 | 1.6 | 93 | 1.6 | 93 | 1.5 | 93 | 1.4 | 93 | 1.4 | 92 | 1.2 | 92 | 1.1 | 91 | 0.9 | 91 | 0.8 | 91 | 0.7 | 91 | **0.6** | 91 | 1.36 | 92.8 |
| 4 | 1.4 | 89 | 1.5 | 88 | 1.5 | 88 | 1.5 | 88 | 1.4 | 88 | 1.2 | 88 | 1.1 | 88 | 1.2 | 88 | 1.2 | 88 | 1.2 | 88 | 1.2 | 88 | 0.9 | 88 | 1.12 | 89.3 |
| 5 | 1.5 | 90 | 1.4 | 90 | 1.6 | 90 | 1.5 | 90 | 1.5 | 90 | 1.5 | 90 | 1.5 | 90 | 1.5 | 90 | 1.4 | 90 | 1.3 | 90 | 1.3 | 91 | 1.1 | 91 | 1.32 | 89.5 |
| 6 | 1.7 | 90 | 1.7 | 90 | 1.7 | 90 | 1.6 | 90 | 1.5 | 90 | 1.5 | 90 | 1.6 | 90 | 1.4 | 90 | 1.4 | 90 | 1.4 | 90 | 1.4 | 90 | 1.4 | 90 | 1.50 | 90.9 |
| 7 | 1.5 | 89 | 1.7 | 88 | 1.5 | 86 | 1.5 | 86 | 1.7 | 87 | 1.8 | 88 | 1.8 | 89 | 1.8 | 90 | 1.9 | 91 | 2.0 | 91 | 2.0 | 92 | 2.1 | 92 | 1.56 | 89.7 |
| 8 | 2.6 | 92 | 2.6 | 92 | 2.5 | 91 | 2.4 | 91 | 2.2 | 91 | 2.2 | 91 | 2.0 | 91 | 1.8 | 91 | 2.0 | 91 | 1.9 | 91 | 1.7 | 91 | 1.5 | 91 | 2.42 | 92.6 |
| 9 | 2.2 | 90 | 2.2 | 90 | 2.0 | 89 | 2.0 | 88 | 1.8 | 89 | **1.7** | 89 | 1.4 | 89 | 1.3 | 89 | 0.9 | 90 | 0.7 | 89 | 0.7 | 88 | 0.8 | 89 | 1.62 | 90.0 |
| 10 | 1.1 | 82 | 1.1 | 83 | 1.2 | 83 | 1.2 | 81 | 1.2 | 80 | 1.1 | 80 | 1.0 | 80 | 0.9 | 80 | 0.8 | 80 | 0.7 | 81 | 0.7 | 83 | 0.8 | 83 | **0.98** | 83.7 |
| 11 | 1.3 | 82 | 1.3 | 82 | 1.3 | 82 | 1.2 | 83 | 1.2 | 83 | 1.1 | 84 | 1.1 | 85 | 1.0 | 85 | 1.0 | 86 | 1.0 | 87 | 1.0 | 87 | 1.1 | 88 | 1.08 | 85.5 |
| 12 | 1.7 | 88 | 1.6 | 88 | 1.8 | 88 | 1.7 | 88 | 1.6 | 88 | 1.6 | 88 | 1.4 | 88 | 1.5 | 90 | 1.6 | 90 | 1.4 | 91 | 1.6 | 91 | 1.4 | 91 | 1.41 | 88.8 |
| 13 | 1.8 | 91 | 1.9 | 91 | 1.9 | 92 | 1.9 | 92 | 1.8 | 92 | 1.7 | 93 | 1.7 | 93 | 1.6 | 93 | 1.6 | 93 | 1.7 | 93 | 1.7 | 94 | 1.6 | 94 | 1.65 | 92.0 |
| 14 | 2.4 | 98 | 2.4 | 99 | 2.3 | 100 | 2.3 | 100 | 2.3 | 100 | 2.3 | 100 | 2.3 | 100 | 2.2 | 100 | 2.2 | 100 | 2.1 | 100 | 2.0 | 100 | 2.0 | 100 | 1.93 | 97.8 |
| 15 | 2.7 | 100 | 2.6 | 100 | 2.6 | 100 | 2.7 | 100 | 2.8 | 100 | 2.8 | 100 | 2.9 | 100 | 3.0 | 100 | 3.0 | 100 | 3.0 | 100 | 3.0 | 100 | 3.1 | 100 | 2.51 | **99.6** |
| 16 | 4.0 | 99 | 3.8 | 99 | 3.4 | 96 | 3.3 | 95 | 3.5 | 96 | 4.0 | 97 | 3.9 | 98 | 3.8 | 97 | 3.6 | 97 | 3.4 | 97 | 3.3 | 97 | 3.1 | 97 | 3.53 | 98.5 |
| 17 | 3.5 | 95 | 3.4 | 90 | 3.3 | 91 | 3.4 | 91 | 3.4 | 93 | 3.4 | 95 | 3.3 | 95 | 3.1 | 95 | 3.0 | 95 | 2.8 | 95 | 2.6 | 95 | 2.4 | 95 | 3.08 | 95.3 |
| 18 | 2.7 | 94 | 2.8 | 93 | 3.0 | 94 | 3.1 | 95 | 3.1 | 95 | 3.0 | 95 | 3.0 | 95 | 2.9 | 96 | 2.8 | 96 | 2.8 | 97 | 2.8 | 97 | 2.8 | 98 | 2.57 | 94.9 |
| 19 | 3.1 | 95 | 3.0 | 95 | 3.2 | 95 | 3.4 | 95 | 3.4 | 96 | 3.6 | 97 | 3.6 | 96 | 3.5 | 98 | 3.8 | 99 | 3.7 | 98 | 3.0 | 97 | 3.5 | 98 | 3.23 | 96.5 |
| 20 | 2.9 | 82 | 2.7 | 83 | 2.9 | 83 | 3.1 | 82 | 2.9 | 88 | 2.8 | 92 | 2.8 | 95 | 2.5 | 93 | 2.0 | 79 | 1.7 | 87 | 1.6 | 87 | 1.3 | 87 | 2.68 | 88.3 |
| 21 | 2.9 | 69 | 2.9 | 65 | 3.0 | 69 | 2.9 | 74 | 2.9 | 70 | 2.7 | 65 | 2.6 | **59** | 2.4 | 71 | 2.8 | 89 | 2.6 | 90 | 2.4 | 96 | 2.2 | 97 | 2.45 | **81.2** |
| 22 | 2.8 | 87 | 3.0 | 86 | 3.2 | 86 | 3.7 | 97 | 3.5 | 98 | 3.5 | 98 | 3.4 | 98 | 3.3 | 95 | 2.8 | 92 | 2.9 | 95 | 2.7 | 96 | 2.7 | 96 | 2.84 | 94.3 |
| 23 | 2.3 | 89 | 2.2 | 90 | 2.0 | 90 | 1.9 | 90 | 1.7 | 85 | 1.7 | 87 | 1.7 | 85 | 1.6 | 84 | 1.6 | 82 | 1.7 | 85 | 1.7 | 87 | 1.7 | 90 | 2.03 | 89.4 |
| 24 | 1.9 | 85 | 1.9 | 83 | 1.8 | 80 | 1.8 | 76 | 1.8 | 75 | 2.0 | 75 | 1.7 | 73 | 2.0 | 73 | 1.2 | 73 | 1.3 | 84 | 1.3 | 91 | 1.5 | 92 | 1.57 | 83.0 |
| 25 | 2.6 | 80 | 2.5 | 79 | 2.4 | 81 | 2.3 | 82 | 2.1 | 82 | 2.2 | 89 | 2.1 | 90 | 2.0 | 90 | 2.2 | 96 | 2.3 | 96 | 2.3 | 96 | 2.2 | 94 | 2.10 | 88.3 |
| 26 | 3.7 | 91 | 3.6 | 90 | 3.8 | 89 | 3.7 | 91 | 3.6 | 92 | 3.6 | 94 | 3.5 | 95 | 3.5 | 98 | 3.3 | 96 | 3.4 | 99 | 3.4 | 100 | 3.4 | 99 | 3.15 | 94.2 |
| 27 | 3.7 | 94 | 3.8 | 95 | 3.9 | 95 | 3.6 | 95 | 3.5 | 95 | 3.6 | 97 | 3.4 | 96 | 3.4 | 95 | 3.6 | 100 | 3.6 | 99 | 3.5 | 97 | 3.7 | 98 | 3.58 | 94.9 |
| 28 | 4.9 | 94 | 5.0 | 92 | 5.2 | 90 | 5.1 | 93 | 5.0 | 94 | 5.0 | 95 | 5.1 | 95 | 4.9 | 97 | 4.8 | 98 | 4.8 | 98 | 4.7 | 98 | 4.7 | 98 | 4.64 | 95.4 |
| 29 | 4.8 | 98 | 4.9 | 93 | 4.8 | 92 | 4.9 | 95 | 4.8 | 98 | 4.6 | 98 | 4.6 | 98 | 4.7 | 99 | 4.5 | 98 | 4.6 | 98 | 4.5 | 98 | 4.5 | 98 | **4.82** | 95.5 |
| 30 | 3.8 | 92 | 3.7 | 93 | 3.5 | 92 | 3.5 | 90 | 3.4 | 90 | 3.5 | 84 | 3.0 | 89 | 2.5 | 90 | 2.1 | 86 | 2.0 | 95 | 2.1 | 96 | 2.9 | 97 | 3.42 | 93.7 |
| 31 | 3.2 | 75 | 3.0 | 80 | 3.2 | 80 | 3.2 | 82 | 2.7 | 71 | 3.1 | 79 | 3.0 | 81 | 3.1 | 89 | 2.8 | 85 | 3.0 | 94 | 2.9 | 96 | 2.8 | 93 | 3.05 | 86.9 |
| Среднее Mittel | **2.59** | 89.5 | 2.57 | 89.1 | **2.59** | **89.0** | **2.59** | 89.5 | 2.51 | 89.3 | 2.50 | 89.9 | 2.42 | 90.1 | 2.35 | 91.0 | 2.25 | 91.1 | 2.19 | 92.4 | 2.12 | 93.2 | 2.11 | **93.5** | 2.33 | 91.4 |

## Іюнь 1883. / Juni 1883.

| Число. Datum. | 1 mm | 1 % | 2 mm | 2 % | 3 mm | 3 % | 4 mm | 4 % | 5 mm | 5 % | 6 mm | 6 % | 7 mm | 7 % | 8 mm | 8 % | 9 mm | 9 % | 10 mm | 10 % | 11 mm | 11 % | Полдень. Mittag. mm | Полдень. Mittag. % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.7 | 95 | 2.7 | 93 | 2.7 | 93 | 2.8 | 93 | 3.0 | 95 | 3.0 | 95 | 2.9 | 90 | 2.9 | 84 | 2.9 | 84 | 3.0 | 87 | 3.2 | 87 | 3.0 | 89 |
| 2 | 2.4 | 97 | 2.5 | 95 | 2.5 | 92 | 2.5 | 90 | 2.6 | 87 | 2.7 | 88 | 2.7 | 86 | 2.6 | 81 | 2.6 | 75 | 2.8 | 68 | 2.8 | **64** | 3.0 | 69 |
| 3 | 3.1 | 95 | 2.9 | 96 | 2.9 | 100 | 3.0 | 95 | 3.1 | 98 | 2.9 | 93 | 2.9 | 90 | 3.1 | 89 | 3.0 | 89 | 3.3 | 91 | 3.4 | 89 | 3.5 | 84 |
| 4 | 4.4 | 96 | 4.2 | 90 | 4.4 | 100 | 4.3 | 98 | 4.2 | 92 | 4.2 | 94 | 4.2 | 87 | 4.5 | 96 | 4.5 | 94 | 4.5 | 94 | 4.5 | 94 | 4.4 | 92 |
| 5 | 3.2 | 98 | 3.1 | 98 | 3.2 | 100 | 3.0 | 95 | 2.9 | 96 | 2.9 | 93 | 2.9 | 90 | 2.9 | 93 | 2.9 | 88 | 2.9 | 90 | 2.7 | 86 | 2.6 | 81 |
| 6 | 2.7 | 93 | 2.7 | 88 | 2.7 | 84 | 2.7 | 86 | 2.7 | 86 | 3.1 | 85 | 3.0 | 77 | 3.3 | 87 | 3.2 | 80 | 3.0 | 74 | 3.2 | 81 | 3.4 | 82 |
| 7 | 3.2 | 95 | 3.1 | 95 | 2.9 | 96 | 3.0 | 95 | 3.0 | 95 | 3.0 | 93 | 3.1 | 93 | 3.0 | 91 | 3.1 | 89 | 3.2 | 85 | 3.4 | 87 | 3.4 | 84 |
| 8 | 2.9 | 98 | 2.8 | 96 | 2.9 | 96 | 3.0 | 95 | 3.1 | 93 | 3.3 | 93 | 3.4 | 96 | 3.5 | 96 | 3.7 | 98 | 3.6 | 96 | 3.7 | 96 | 3.6 | 92 |
| 9 | 3.0 | 100 | 3.0 | 100 | 3.1 | 100 | 3.1 | 100 | 3.0 | 98 | 3.2 | 98 | 3.3 | 95 | 3.4 | 94 | 3.4 | 92 | 3.3 | 87 | 3.6 | 94 | 3.8 | 94 |
| 10 | 3.4 | 95 | 3.4 | 96 | 3.4 | 96 | 3.5 | 96 | 3.6 | 98 | 3.6 | 96 | 3.6 | 96 | 3.9 | 96 | 4.2 | 94 | 4.5 | 98 | 4.7 | 96 | 4.7 | 94 |
| 11 | 4.3 | 94 | 4.3 | 94 | 4.5 | 96 | 4.3 | 92 | 4.4 | 92 | 4.5 | 96 | 3.9 | 92 | 4.2 | 94 | 4.1 | 89 | 4.5 | 92 | 4.3 | 89 | 4.3 | 90 |
| 12 | 3.5 | 89 | 3.5 | 90 | 3.4 | 92 | 3.4 | 89 | 3.5 | 84 | 3.7 | 92 | 3.8 | 86 | 4.1 | 90 | 3.9 | 83 | 3.9 | 85 | 4.1 | 92 | 4.3 | 92 |
| 13 | 3.9 | 94 | 3.8 | 92 | 3.9 | 96 | 3.7 | 90 | 3.9 | 94 | 3.8 | 90 | 4.0 | 92 | 4.1 | 89 | 4.2 | 92 | 4.2 | 89 | 4.3 | 92 | 4.4 | 90 |
| 14 | 4.6 | 100 | 4.5 | 100 | 4.5 | 100 | 4.5 | 100 | 4.4 | 98 | 4.4 | 98 | 4.1 | 89 | 4.4 | 92 | 4.6 | 92 | 4.6 | 91 | 4.7 | 90 | 4.8 | 91 |
| 15 | 4.2 | 89 | 4.4 | 94 | 4.4 | 90 | 4.5 | 90 | 4.6 | 92 | 4.6 | 92 | 4.7 | 92 | 4.7 | 94 | 4.7 | 93 | 4.8 | 94 | 4.7 | 93 | 4.7 | 90 |
| 16 | 3.9 | 100 | 3.8 | 96 | 3.8 | 98 | 3.8 | 98 | 4.0 | 96 | 4.2 | 98 | 4.2 | 90 | 4.2 | 94 | 4.3 | 92 | 4.5 | 92 | 4.6 | 92 | 4.5 | 92 |
| 17 | 4.4 | 98 | 4.4 | 96 | 4.5 | 98 | 4.6 | 98 | 4.6 | 98 | 4.6 | 98 | 4.6 | 98 | 4.6 | 96 | 4.6 | 96 | 4.6 | 100 | 4.7 | 100 | 4.8 | 100 |
| 18 | 4.7 | 100 | 4.7 | 100 | 4.7 | 100 | 4.7 | 100 | 4.8 | 100 | 4.7 | 98 | 4.6 | 94 | 4.7 | 96 | 4.7 | 98 | 4.8 | 96 | 4.8 | 94 | 4.8 | 93 |
| 19 | 4.4 | 96 | 4.3 | 94 | 4.2 | 94 | 4.4 | 96 | 4.3 | 92 | 4.3 | 92 | 4.2 | 89 | 4.5 | 94 | 4.8 | 94 | 4.8 | 94 | 5.2 | 91 | 5.3 | 90 |
| 20 | 4.1 | 98 | 4.1 | 96 | 4.2 | 96 | 4.2 | 94 | 4.3 | 94 | 4.3 | 94 | 4.3 | 92 | 4.5 | 96 | 4.5 | 92 | 4.5 | 90 | 4.6 | 91 | 4.6 | 94 |
| 21 | 4.2 | 98 | 4.2 | 98 | 4.1 | 92 | 4.1 | 90 | 4.1 | 89 | 4.1 | 89 | 4.2 | 87 | 4.1 | 87 | 4.3 | 89 | 4.5 | 90 | 4.5 | 90 | 4.4 | 89 |
| 22 | 4.3 | 94 | 4.2 | 92 | 4.2 | 92 | 4.3 | 92 | 4.3 | 96 | 4.5 | 96 | 4.6 | 94 | 4.7 | 94 | 4.9 | 94 | 5.0 | 96 | 5.1 | 96 | 5.1 | 94 |
| 23 | 4.8 | 98 | 4.8 | 96 | 4.9 | 98 | 4.8 | 100 | 4.7 | 98 | 4.8 | 100 | 5.0 | 100 | 5.2 | 100 | 5.1 | 98 | 5.2 | 100 | 5.3 | 100 | 5.2 | 98 |
| 24 | 5.9 | 100 | 6.0 | 100 | 6.0 | 98 | 6.2 | 100 | 6.2 | 100 | 6.5 | 100 | 5.4 | 93 | 5.1 | 93 | 5.0 | 91 | 5.0 | 88 | 5.4 | 82 | 5.5 | 83 |
| 25 | 6.0 | 94 | 6.0 | 94 | 6.2 | 95 | 6.2 | 94 | 6.2 | 94 | 6.6 | 96 | 6.6 | 91 | 6.8 | 91 | 7.0 | 86 | 6.8 | 85 | 6.8 | 85 | 7.1 | 87 |
| 26 | 6.1 | 100 | 5.9 | 98 | 5.9 | 98 | 5.9 | 100 | 6.2 | 97 | 4.6 | 98 | 5.9 | 97 | 5.9 | 97 | 5.9 | 98 | 6.0 | 98 | 6.5 | 97 | 6.9 | 96 |
| 27 | 7.1 | 99 | 7.0 | 100 | 7.0 | 99 | 7.2 | 98 | 6.9 | 89 | **6.8** | 85 | **7.1** | 84 | **7.3** | 87 | 6.5 | 78 | 6.4 | 78 | 5.7 | 72 | 5.8 | 71 |
| 28 | 6.6 | 88 | 6.6 | 87 | 6.7 | 90 | 6.6 | 86 | 6.1 | 83 | 6.2 | 82 | 5.9 | 78 | 6.2 | 88 | 6.0 | 80 | 5.9 | 78 | 5.8 | 73 | 5.4 | 72 |
| 29 | 6.4 | 83 | 6.4 | 86 | 6.4 | 86 | 6.4 | 86 | 6.6 | 88 | 6.9 | 86 | 6.9 | 80 | 7.0 | 81 | 6.9 | 81 | 6.6 | 78 | 6.6 | 78 | 7.0 | 84 |
| 30 | 5.7 | 100 | 5.7 | 100 | 5.6 | 98 | 5.7 | 98 | 5.7 | 97 | 5.7 | 98 | 5.8 | 98 | 5.7 | 97 | 5.7 | 98 | 5.9 | 98 | 5.8 | 98 | 5.9 | 98 |
| Среднее Mittel | 4.34 | **95.8** | **4.30** | 95.0 | 4.33 | 95.4 | 4.35 | 94.5 | 4.37 | 93.6 | 4.42 | 93.5 | 4.39 | 90.5 | 4.50 | 91.9 | 4.51 | 89.9 | 4.55 | 89.4 | 4.62 | 89.0 | 4.67 | 88.5 |

| Число. Datum. | 1 mm | 1 % | 2 mm | 2 % | 3 mm | 3 % | 4 mm | 4 % | 5 mm | 5 % | 6 mm | 6 % | 7 mm | 7 % | 8 mm | 8 % | 9 mm | 9 % | 10 mm | 10 % | 11 mm | 11 % | 12 mm | 12 % | Суточныя среднія. Tagesmittel. mm | Суточныя среднія. Tagesmittel. % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.2 | 83 | 3.2 | 89 | 2.9 | 78 | 2.8 | 86 | 2.8 | 90 | 2.7 | 90 | 2.6 | 87 | 2.5 | 92 | 2.1 | 100 | 1.7 | 100 | **1.6** | 93 | 2.2 | 94 | **2.71** | 90.3 |
| 2 | 3.0 | 74 | 3.0 | 68 | 2.9 | 75 | 2.8 | 76 | 3.1 | 85 | 3.2 | 85 | 3.0 | 91 | 3.0 | 93 | 3.1 | 91 | 2.8 | 96 | 3.0 | 100 | 3.2 | 100 | 2.83 | 84.4 |
| 3 | 3.9 | 90 | 4.2 | 94 | 4.2 | 89 | 4.2 | 89 | 4.7 | 96 | 4.7 | 96 | 4.6 | 96 | 4.7 | 96 | 4.8 | 83 | 4.8 | 91 | 4.6 | 91 | 4.4 | 94 | 3.79 | 92.3 |
| 4 | 4.7 | 96 | 4.5 | 92 | 4.4 | 96 | 3.9 | 92 | 3.6 | 94 | 3.4 | 94 | 3.4 | 96 | 3.3 | 95 | 3.2 | 93 | 3.3 | 95 | 3.3 | 95 | 3.3 | 98 | 4.03 | 94.3 |
| 5 | 2.7 | 79 | 2.9 | 84 | 2.7 | 80 | 2.8 | 82 | 2.8 | 82 | 2.7 | 79 | 2.8 | 86 | 2.8 | 88 | 2.8 | 86 | 2.7 | 88 | 2.7 | 88 | 2.7 | 90 | 2.85 | 88.3 |
| 6 | 3.3 | 78 | 3.5 | 84 | 3.6 | 84 | 3.5 | 82 | 3.3 | 78 | 3.3 | 80 | 3.3 | 84 | 3.1 | 81 | 3.3 | 91 | 3.1 | 89 | 3.2 | 91 | 3.2 | 93 | 3.14 | 84.1 |
| 7 | 3.4 | 84 | 3.5 | 84 | 3.6 | 86 | 3.4 | 86 | 3.5 | 92 | 3.4 | 89 | 3.5 | 92 | 3.5 | 94 | 3.4 | 87 | 3.1 | 95 | 2.9 | 96 | 2.9 | 96 | 3.23 | 90.8 |
| 8 | 3.6 | 92 | 3.7 | 92 | 3.8 | 94 | 3.7 | 92 | 3.8 | 94 | 3.7 | 94 | 3.5 | 92 | 3.4 | 94 | 3.2 | 93 | 3.2 | 98 | 3.0 | 98 | 3.0 | 98 | 3.38 | 94.8 |
| 9 | 3.7 | 92 | 3.7 | 92 | 3.7 | 90 | 3.6 | 90 | 3.6 | 92 | 3.4 | 89 | 3.4 | 92 | 3.3 | 91 | 3.4 | 94 | 3.4 | 94 | 3.3 | 94 | 3.3 | 94 | 3.38 | 94.0 |
| 10 | 4.6 | 94 | 4.7 | 96 | 4.7 | 94 | 4.7 | 89 | 4.7 | 87 | 4.7 | 85 | 4.4 | 89 | 4.2 | 82 | 4.5 | 92 | 4.5 | 94 | 4.4 | 94 | 4.4 | 96 | 4.21 | 93.5 |
| 11 | 4.6 | 96 | 4.5 | 92 | 4.6 | 96 | 4.5 | 98 | 3.8 | 86 | 3.8 | 86 | 3.9 | 92 | 3.8 | 90 | 3.9 | 94 | 3.9 | 94 | 3.7 | 92 | 3.4 | 86 | 4.17 | 92.2 |
| 12 | 4.4 | 89 | 4.8 | 94 | 5.0 | 91 | 4.9 | 94 | 4.6 | 94 | 4.4 | 94 | 4.5 | 98 | 4.5 | 100 | 4.4 | 100 | 4.3 | 96 | 4.0 | 92 | 3.9 | 92 | 4.12 | 91.6 |
| 13 | 4.6 | 94 | 4.6 | 94 | 4.6 | 92 | 4.6 | 94 | 4.6 | 94 | 4.6 | 94 | 4.6 | 96 | 4.6 | 98 | 4.6 | 100 | 4.6 | 100 | 4.6 | 100 | 4.6 | 100 | 4.31 | 94.0 |
| 14 | 4.5 | 75 | 4.7 | 74 | 5.0 | 83 | 5.1 | 82 | 4.7 | 85 | 4.5 | 90 | 4.8 | 89 | 4.6 | 90 | 5.0 | 88 | 4.5 | 94 | 4.4 | 92 | 4.4 | 92 | 4.60 | 90.6 |
| 15 | 4.8 | 89 | 4.8 | 93 | 4.8 | 93 | 4.6 | 91 | 4.7 | 96 | 4.5 | 94 | 4.5 | 96 | 4.3 | 94 | 4.3 | 96 | 4.2 | 100 | 4.0 | 98 | 3.9 | 98 | 4.52 | 93.4 |
| 16 | 4.6 | 98 | 4.6 | 98 | 4.6 | 96 | 4.6 | 94 | 4.6 | 94 | 4.6 | 96 | 4.5 | 98 | 4.5 | 98 | 4.5 | 100 | 4.4 | 98 | 4.4 | 98 | 4.3 | 96 | 4.33 | 95.9 |
| 17 | 4.7 | 96 | 4.7 | 98 | 4.8 | 98 | 4.7 | 98 | 4.7 | 98 | 4.8 | 100 | 4.7 | 98 | 4.7 | 98 | 4.8 | 100 | 4.7 | 98 | 4.6 | 98 | 4.7 | 100 | 4.65 | 98.2 |
| 18 | 4.7 | 93 | 4.8 | 94 | 4.8 | 91 | 4.9 | 93 | 4.9 | 93 | 4.9 | 93 | 4.7 | 93 | 4.7 | 94 | 4.7 | 96 | 4.5 | 96 | 4.4 | 96 | 4.2 | 94 | 4.70 | 95.6 |
| 19 | 5.3 | 93 | 5.3 | 90 | 5.3 | 93 | 5.2 | 93 | 5.0 | 95 | 4.7 | 96 | 4.5 | 96 | 4.4 | 96 | 4.4 | 100 | 4.3 | 100 | 4.2 | 98 | 4.2 | 98 | 4.65 | 94.3 |
| 20 | 4.7 | 96 | 4.7 | 96 | 4.5 | 94 | 4.5 | 94 | 4.5 | 94 | 4.5 | 98 | 4.5 | 98 | 4.4 | 98 | 4.4 | 96 | 4.4 | 94 | 4.1 | 92 | 4.3 | 100 | 4.40 | 94.9 |
| 21 | 4.5 | 90 | 4.6 | 94 | 4.6 | 94 | 4.6 | 96 | 4.6 | 96 | 4.6 | 98 | 4.3 | 94 | 4.6 | 100 | 4.4 | 100 | 4.4 | 100 | 4.2 | 96 | 4.2 | 96 | 4.35 | 93.4 |
| 22 | 5.2 | 96 | 5.1 | 96 | 5.1 | 96 | 5.0 | 98 | 5.0 | 98 | 5.1 | 98 | 5.2 | 96 | 5.0 | 95 | 4.9 | 96 | 4.9 | 98 | 4.8 | 98 | 4.8 | 98 | 4.80 | 95.5 |
| 23 | 5.4 | 100 | 5.4 | 96 | 5.6 | 100 | 5.5 | 100 | 5.4 | 98 | 5.5 | 100 | 5.5 | 100 | 5.5 | 100 | 5.6 | 100 | 5.5 | 100 | 5.6 | 98 | 5.8 | 98 | 5.25 | **99.0** |
| 24 | 5.8 | 85 | 6.2 | 88 | 6.2 | 84 | 6.3 | 70 | 5.8 | **64** | 6.4 | 78 | 6.6 | 76 | 6.3 | 83 | 6.5 | 88 | 6.1 | 90 | 6.0 | 90 | 6.1 | 94 | 5.94 | 88.3 |
| 25 | 7.1 | 84 | 7.1 | 88 | 6.8 | 88 | 6.8 | 85 | 6.6 | 83 | 6.7 | 83 | 6.8 | 89 | 6.7 | 93 | 6.6 | 98 | 6.2 | 97 | 6.1 | 96 | 6.1 | 98 | 6.58 | 90.6 |
| 26 | **7.6** | 93 | 7.3 | 93 | 7.2 | 96 | 6.9 | 94 | 6.9 | 94 | 6.9 | 97 | 7.0 | 100 | 6.8 | 99 | 7.0 | 100 | 7.2 | 100 | 7.2 | 100 | 7.2 | 100 | 6.58 | 97.5 |
| 27 | 5.8 | 72 | 6.1 | 73 | 6.0 | 72 | 6.0 | 71 | 6.1 | 71 | 6.3 | 71 | 6.7 | 76 | 7.0 | 76 | 7.3 | 68 | 7.1 | 86 | 6.8 | 88 | 6.8 | 90 | **6.62** | 81.4 |
| 28 | 5.8 | 73 | 6.1 | 74 | 5.8 | 70 | 6.1 | 75 | 6.0 | 72 | 6.1 | 70 | 6.1 | 75 | 6.0 | 75 | 6.0 | 73 | 6.0 | 73 | 6.0 | 76 | 6.3 | 80 | 6.10 | **78.0** |
| 29 | 6.9 | 81 | 7.2 | 89 | 6.8 | 90 | 6.9 | 93 | 5.8 | 80 | 6.4 | 94 | 6.2 | 97 | 5.9 | 97 | 5.7 | 100 | 5.7 | 98 | 5.6 | 98 | 5.6 | 100 | 6.45 | 88.1 |
| 30 | 5.8 | 98 | 5.8 | 97 | 5.9 | 98 | 6.1 | 100 | 6.2 | 100 | 6.6 | 100 | 6.8 | 100 | 6.7 | 99 | 6.3 | 100 | 6.1 | 97 | 6.1 | 98 | 5.9 | 98 | 5.97 | 98.5 |
| Среднее Mittel | 4.76 | **88.4** | **4.84** | 89.5 | 4.83 | 89.4 | 4.77 | 89.2 | 4.68 | 89.2 | 4.70 | 90.4 | 4.70 | 92.1 | 4.63 | 92.6 | 4.64 | 93.4 | 4.52 | 95.0 | 4.43 | 94.5 | 4.44 | 95.4 | 4.55 | 91.9 |

# Влажность воздуха.

**Іюль 1883.**

Высота гигрометра надъ землей / Höhe des Hygrometers über dem Boden } 2.4$^{m}$

Среднее мѣстное время. / Mittlere Ortszeit.



# Feuchtigkeit der Luft.

**Juli 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % |
| 1 | 5.7 98 | 5.5 98 | 5.5 98 | 5.4 98 | 5.3 96 | 5.2 94 | 5.5 98 | 5.4 98 | 5.3 96 | 5.2 94 | 5.5 95 | 5.5 93 |
| 2 | 5.2 91 | 5.2 91 | 5.2 91 | 5.2 94 | 5.1 93 | 5.3 96 | 5.5 93 | 5.7 88 | 5.8 90 | 5.8 81 | 6.5 87 | 6.6 95 |
| 3 | 5.3 98 | 5.2 96 | 5.1 94 | 5.2 93 | 5.2 90 | 5.3 87 | 5.6 92 | 5.6 92 | 5.6 89 | 5.8 90 | 6.0 89 | 6.4 91 |
| 4 | 6.0 98 | 5.8 98 | 6.2 100 | 5.8 100 | 5.8 100 | 5.9 100 | 5.9 100 | 6.0 100 | 6.0 98 | 6.1 98 | 6.5 96 | 6.7 91 |
| 5 | 4.9 100 | **4.5** 100 | 4.6 100 | 4.6 100 | 4.9 100 | 5.2 96 | 5.4 92 | 5.6 90 | 5.7 88 | 5.8 85 | 5.9 86 | 6.1 88 |
| 6 | 5.2 100 | 5.1 100 | 4.9 100 | 4.6 98 | 4.8 100 | 4.9 98 | 5.3 98 | 5.7 98 | 6.0 96 | 6.4 93 | 6.5 87 | 6.6 82 |
| 7 | 5.4 84 | 5.2 79 | 5.1 79 | 5.3 81 | 5.3 78 | 5.3 74 | 5.8 77 | 5.7 73 | 5.8 72 | 5.4 65 | 5.8 68 | 6.1 71 |
| 8 | 6.2 90 | 6.2 88 | 6.4 91 | 6.8 90 | 6.8 89 | 6.9 88 | 6.9 89 | 6.9 88 | 7.1 89 | 7.4 89 | 7.4 87 | 7.4 84 |
| 9 | 6.6 90 | 6.7 93 | 6.7 94 | 6.7 94 | 6.8 94 | 6.8 94 | 6.9 96 | 7.1 96 | 7.0 96 | 7.2 96 | 7.2 96 | 7.4 96 |
| 10 | 7.6 98 | 7.6 100 | 7.6 99 | 8.0 99 | 8.2 98 | 7.9 87 | 9.5 100 | **10.4** 100 | 9.5 99 | 9.5 99 | 6.9 98 | 6.9 100 |
| 11 | 5.5 100 | 5.6 100 | 5.6 100 | 5.8 100 | 6.1 100 | 6.2 100 | 6.2 100 | 6.5 100 | 6.6 99 | 6.9 99 | 7.0 98 | 7.0 98 |
| 12 | 6.0 100 | 6.0 100 | 5.8 98 | 5.8 100 | 5.9 98 | 6.3 100 | 6.2 97 | 6.3 95 | 6.3 95 | 6.4 95 | 6.6 98 | 6.8 97 |
| 13 | 5.4 92 | 5.6 92 | 5.8 93 | 6.1 96 | 6.0 97 | 6.0 98 | 5.9 97 | 6.1 97 | 6.0 96 | 6.1 98 | 5.9 97 | 5.9 97 |
| 14 | 5.7 100 | 5.6 100 | 5.6 100 | 5.6 100 | 5.4 100 | 5.4 100 | 5.5 100 | 5.6 100 | 5.5 98 | 5.4 96 | 5.6 98 | 5.8 98 |
| 15 | 5.4 93 | 5.4 95 | 5.5 96 | 5.5 96 | 5.4 95 | 5.4 96 | 5.3 94 | 5.4 95 | 5.5 95 | 5.6 93 | 5.6 93 | 5.6 95 |
| 16 | 5.3 94 | 5.2 94 | 5.2 96 | 5.2 96 | 5.0 93 | 5.1 93 | 5.2 94 | 5.4 98 | 5.3 96 | 5.3 92 | 5.5 92 | 5.6 92 |
| 17 | 5.0 100 | 5.0 100 | 5.2 100 | 5.1 100 | 5.3 96 | 5.6 100 | 5.5 100 | 5.9 100 | 6.6 100 | 6.9 98 | 6.7 86 | 6.5 86 |
| 18 | 6.0 80 | 5.6 78 | 5.8 87 | 5.9 96 | 6.3 98 | 6.3 98 | 6.5 100 | 6.2 97 | 6.3 95 | 6.4 93 | 6.4 96 | 6.3 90 |
| 19 | 6.0 100 | 5.9 100 | 6.0 100 | 6.0 100 | 6.1 100 | 6.0 98 | 6.0 98 | 6.0 94 | 6.4 86 | 6.5 83 | 6.7 80 | 6.7 78 |
| 20 | 6.1 98 | 6.2 94 | 5.6 86 | 5.5 85 | 5.9 84 | 6.2 86 | 6.5 86 | 7.0 84 | 7.1 81 | 7.0 79 | 7.2 80 | 6.8 74 |
| 21 | 6.0 94 | 5.9 92 | 6.1 92 | 6.0 91 | 6.2 94 | 6.4 93 | 6.4 91 | 6.5 91 | 6.5 88 | 6.6 88 | 6.4 88 | 6.6 90 |
| 22 | 6.5 94 | 6.4 93 | 6.4 93 | 6.5 94 | 6.5 96 | 6.5 97 | 6.5 97 | 6.5 98 | 6.1 97 | 6.3 95 | 6.3 93 | 6.5 91 |
| 23 | 6.2 94 | 5.8 89 | 6.0 91 | 6.2 92 | 6.1 91 | 6.2 91 | 6.5 91 | 6.6 90 | 6.9 86 | 7.1 84 | 7.0 83 | 7.1 86 |
| 24 | 6.3 91 | 6.2 91 | 6.5 91 | 6.6 90 | 7.1 90 | 7.5 92 | 7.2 86 | 7.4 84 | 7.3 82 | 7.4 83 | 7.8 83 | 7.8 82 |
| 25 | 6.6 88 | 6.6 91 | 6.2 97 | 6.1 100 | 5.9 100 | 5.6 100 | 5.6 100 | 5.6 97 | 5.8 98 | 6.0 97 | 6.2 95 | 6.2 93 |
| 26 | 5.3 92 | 5.3 92 | 5.0 88 | 5.0 87 | 5.4 90 | 5.4 90 | 5.4 90 | 5.4 92 | 5.3 93 | 5.5 92 | 5.5 95 | 5.3 93 |
| 27 | 5.2 98 | 5.0 96 | 4.8 96 | 4.9 98 | 4.9 98 | 5.3 100 | 5.0 96 | 5.2 98 | 5.2 98 | 5.2 94 | 5.2 93 | 5.3 94 |
| 28 | 5.3 100 | 5.2 100 | 5.2 100 | 5.3 100 | 5.2 98 | 5.3 98 | 5.3 96 | 5.3 96 | 5.3 94 | 5.3 93 | 5.3 93 | 5.3 88 |
| 29 | 5.1 98 | 5.1 98 | 5.1 98 | 5.0 98 | 5.2 100 | 5.2 96 | 5.4 98 | 5.3 96 | 5.6 100 | 5.6 97 | 5.9 97 | 5.8 93 |
| 30 | 5.3 100 | 5.2 98 | 5.2 98 | 5.4 100 | 5.5 100 | 5.8 100 | 5.7 100 | 5.6 100 | 5.4 98 | 5.3 96 | 5.6 97 | 5.1 91 |
| 31 | 5.1 100 | 5.0 100 | 5.3 96 | 5.1 90 | 5.0 87 | 4.9 83 | 4.9 83 | 4.8 85 | 4.8 85 | 4.7 84 | 4.7 85 | 4.7 85 |
| Среднее Mittel | 5.72 95.3 | **5.64** 94.7 | 5.65 94.9 | 5.68 **95.4** | 5.76 94.9 | 5.85 94.3 | 5.97 94.5 | 6.09 93.9 | 6.12 92.7 | 6.20 90.9 | 6.24 90.6 | 6.27 89.7 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % | mm % |
| 1 | 5.3 93 | 5.3 92 | 5.5 95 | 5.4 93 | 5.3 92 | 5.4 92 | 5.2 88 | 5.1 87 | 5.2 90 | 5.2 90 | 5.1 88 | 5.1 90 | 5.34 93.6 |
| 2 | 6.2 94 | 6.1 97 | 5.7 92 | 5.9 96 | 6.0 97 | 5.9 96 | 5.6 92 | 5.7 90 | 5.5 95 | 5.4 96 | 5.3 96 | 5.3 98 | 5.65 92.9 |
| 3 | 6.5 93 | 6.5 88 | 6.7 91 | 6.6 90 | 6.6 88 | 6.6 90 | 6.5 91 | 6.4 94 | 6.3 94 | 6.0 94 | 6.0 97 | 6.1 98 | 5.96 92.0 |
| 4 | 6.7 89 | 6.9 91 | 6.9 89 | 6.6 90 | 6.8 93 | 6.5 94 | 6.4 97 | 6.1 98 | 5.9 98 | 5.6 98 | 5.5 100 | 5.3 100 | 6.16 96.5 |
| 5 | 6.3 91 | 6.2 91 | 6.0 92 | 5.9 94 | 5.6 97 | 5.3 96 | 5.2 98 | 5.1 98 | 5.0 98 | 4.9 98 | 4.9 98 | 5.1 100 | 5.36 94.8 |
| 6 | 6.3 77 | 7.0 83 | 6.8 83 | 6.9 84 | 7.2 87 | 6.9 84 | 6.1 83 | 5.8 74 | 6.0 84 | 5.6 83 | 5.5 83 | 5.4 86 | 5.90 89.2 |
| 7 | 6.4 72 | 6.5 73 | 6.9 75 | 6.3 69 | 6.4 71 | 6.3 72 | 6.5 76 | 6.5 81 | 6.7 88 | 6.3 86 | 6.2 87 | 6.0 87 | 5.97 **76.6** |
| 8 | 7.9 87 | 7.5 84 | 7.5 86 | 7.3 83 | 7.4 83 | 7.3 84 | 7.4 87 | 7.0 86 | 7.0 88 | 6.7 86 | 6.7 86 | 6.8 89 | 7.04 87.1 |
| 9 | 7.3 92 | 7.5 92 | 7.6 93 | 7.8 94 | 7.6 92 | 7.8 93 | 7.8 93 | 7.8 92 | 7.8 93 | 7.6 94 | 7.5 96 | 7.5 94 | 7.28 93.9 |
| 10 | 6.9 99 | 6.8 97 | 6.6 97 | 6.5 98 | 6.5 97 | 6.1 97 | 6.1 100 | 5.7 98 | 5.7 98 | 5.3 98 | 5.2 100 | 5.3 100 | 7.18 98.2 |
| 11 | 7.1 98 | 7.1 94 | 6.9 97 | 6.8 97 | 7.0 98 | 6.9 98 | 6.9 98 | 6.9 99 | 6.7 99 | 6.5 100 | 6.5 100 | 6.2 100 | 6.52 **98.8** |
| 12 | 6.7 99 | 6.5 97 | 6.5 100 | 6.5 100 | 6.4 100 | 6.3 100 | 6.2 100 | 6.2 100 | 5.9 97 | 5.8 100 | 5.4 93 | 5.4 93 | 6.18 98.0 |
| 13 | 5.8 93 | 5.6 92 | 5.5 92 | 5.3 90 | 5.3 92 | 5.4 93 | 5.6 97 | 5.7 98 | 5.7 100 | 5.7 100 | 5.8 100 | 5.8 100 | 5.75 95.7 |
| 14 | 6.0 98 | 5.8 97 | 5.7 97 | 5.7 98 | 5.8 100 | 5.7 97 | 5.6 93 | 5.6 95 | 5.5 95 | 5.5 95 | 5.5 96 | 5.5 95 | 5.61 97.8 |
| 15 | 5.7 93 | 5.5 93 | 5.4 93 | 5.4 96 | 5.4 96 | 5.3 96 | 5.3 96 | 5.2 96 | 5.2 96 | 5.1 94 | 5.2 96 | 5.2 94 | 5.40 94.8 |
| 16 | 5.7 92 | 5.8 93 | 5.7 92 | 5.6 92 | 5.9 96 | 5.9 97 | 5.8 97 | 5.7 97 | 5.5 98 | 5.5 100 | 5.4 100 | 5.4 100 | 5.47 95.2 |
| 17 | 7.0 81 | 5.7 65 | 6.0 65 | 6.1 **63** | 6.4 67 | 6.3 68 | 6.0 66 | 5.7 67 | 5.4 65 | 5.6 70 | 6.1 78 | 6.1 80 | 5.90 83.4 |
| 18 | 6.6 91 | 6.4 90 | 6.5 88 | 6.7 89 | 6.5 86 | 6.5 86 | 6.5 86 | 6.4 88 | 6.2 93 | 6.1 97 | 6.1 98 | 6.1 100 | 6.28 91.7 |
| 19 | 6.5 75 | 6.9 80 | 7.0 81 | 6.9 84 | 6.6 83 | 6.5 83 | 6.3 87 | 6.2 90 | 5.9 92 | 5.7 92 | 5.5 87 | 5.8 95 | 6.25 89.4 |
| 20 | 7.0 78 | 7.1 82 | 6.9 81 | 6.6 81 | 6.5 83 | 6.4 85 | 6.3 84 | 6.4 86 | 6.6 86 | 6.4 85 | 6.3 90 | 6.0 91 | 6.48 84.5 |
| 21 | 6.6 91 | 6.5 87 | 6.8 86 | 6.9 86 | 6.9 86 | 7.2 87 | 6.8 88 | 6.7 86 | 6.6 81 | 6.8 89 | 6.6 91 | 6.6 95 | 6.53 89.4 |
| 22 | 6.7 86 | 7.2 87 | 7.2 87 | 7.1 86 | 7.0 86 | 7.2 87 | 6.8 83 | 6.4 79 | 6.3 83 | 6.4 85 | 6.2 90 | 6.1 89 | 6.57 90.3 |
| 23 | 6.9 85 | 7.0 86 | 7.0 83 | 7.1 84 | 7.2 84 | 7.2 86 | 7.0 84 | 6.9 84 | 6.8 86 | 6.4 86 | 6.5 88 | 6.4 90 | 6.67 87.3 |
| 24 | 8.0 81 | 8.0 79 | 8.1 78 | 8.3 79 | 8.3 79 | 8.0 79 | 7.6 76 | 7.6 79 | 7.8 82 | 6.9 81 | 6.8 84 | 6.9 89 | **7.39** 83.8 |
| 25 | 6.2 94 | 6.2 91 | 6.2 88 | 5.9 88 | 5.7 93 | 5.2 90 | 5.3 93 | 5.1 98 | 5.2 98 | 5.3 93 | 5.0 88 | 5.1 91 | 5.78 94.2 |
| 26 | 5.5 95 | 5.3 92 | 5.4 92 | 5.4 90 | 5.5 93 | 5.3 100 | 4.9 93 | 4.8 96 | 4.9 98 | 4.9 96 | 5.2 96 | 5.2 96 | 5.25 93.0 |
| 27 | 5.2 94 | 5.1 93 | 5.3 94 | 5.4 95 | 5.4 95 | 5.4 95 | 5.5 96 | 5.5 100 | 5.3 100 | 5.2 100 | 5.1 100 | 5.2 100 | 5.20 96.7 |
| 28 | 5.5 90 | 5.3 88 | 5.4 90 | 5.3 90 | 5.5 96 | 5.4 96 | 5.4 96 | 5.4 98 | 5.4 98 | 5.2 94 | 5.1 93 | 5.1 96 | 5.30 95.0 |
| 29 | 5.9 94 | 5.6 89 | 5.6 90 | 5.5 92 | 5.4 93 | 5.2 93 | 5.0 93 | 5.0 94 | 5.1 98 | 5.2 98 | 5.2 96 | 5.2 96 | 5.34 95.6 |
| 30 | 5.3 93 | 5.4 95 | 5.5 96 | 5.6 97 | 5.7 97 | 5.5 96 | 5.4 96 | 5.3 98 | 5.1 98 | 5.0 98 | 5.3 94 | 5.2 96 | 5.39 97.2 |
| 31 | 4.9 93 | 4.9 93 | 4.9 93 | 4.9 93 | 4.9 94 | 4.8 93 | 4.8 94 | 4.8 96 | 4.8 96 | 4.9 98 | 5.0 98 | 5.0 98 | **4.90** 91.8 |
| Среднее Mittel | **6.34** 89.7 | 6.30 **88.7** | 6.31 88.9 | 6.26 89.1 | 6.28 90.1 | 6.18 90.4 | 6.06 90.4 | 5.96 91.0 | 5.90 92.4 | 5.76 92.7 | 5.73 93.1 | 5.72 94.4 | 6.00 92.2 |

**Августъ 1883.** **August 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.0 100 | 5.0 100 | 5.0 100 | 5.0 100 | 4.9 98 | 5.0 100 | 5.0 98 | 5.0 98 | 5.1 98 | 4.9 98 | 4.8 96 | 4.7 91 |
| 2 | 4.4 94 | 4.6 100 | 4.6 100 | 4.6 98 | 4.6 98 | 4.7 94 | 4.7 94 | 4.7 96 | 4.7 94 | 4.9 94 | 5.0 95 | 5.0 96 |
| 3 | 4.5 100 | 4.3 100 | 4.2 98 | 4.3 100 | 4.5 100 | 4.5 98 | 4.4 96 | 4.6 98 | 4.5 90 | 4.8 94 | 4.9 91 | 4.8 87 |
| 4 | 4.3 100 | 4.4 100 | 4.5 100 | 4.6 98 | 4.9 100 | 4.9 100 | 5.6 98 | 5.4 84 | 5.5 79 | 5.7 79 | 6.2 82 | 6.0 80 |
| 5 | 6.0 97 | 5.7 97 | 5.9 96 | 5.9 96 | 6.1 94 | 6.1 91 | 6.1 84 | 6.0 76 | 6.0 76 | 6.1 76 | 6.2 74 | 6.0 70 |
| 6 | 5.6 98 | 5.6 98 | 5.3 93 | 5.3 92 | 5.4 88 | 5.6 87 | 5.6 83 | 5.6 78 | 5.4 73 | 5.5 72 | 5.5 72 | 5.4 70 |
| 7 | 4.8 100 | 4.8 98 | 4.7 92 | 4.9 94 | 5.0 95 | 5.1 96 | 4.8 94 | 4.8 96 | 4.8 96 | 5.0 94 | 5.2 90 | 5.3 87 |
| 8 | 4.8 98 | 4.6 96 | 4.7 98 | 4.6 100 | 4.5 100 | 4.5 100 | 5.0 100 | 5.2 94 | 5.3 92 | 5.0 85 | 5.0 85 | 4.9 85 |
| 9 | 4.3 100 | 4.3 100 | 4.3 100 | 4.4 100 | 4.5 100 | 4.7 100 | 4.9 100 | 5.0 96 | 5.0 94 | 5.3 93 | 5.3 87 | 5.2 84 |
| 10 | 4.9 100 | 4.9 100 | 4.8 98 | 4.8 98 | 4.8 98 | 4.8 100 | 5.0 100 | 5.2 94 | 5.4 92 | 5.5 89 | 5.8 86 | 6.0 83 |
| 11 | 4.8 98 | 4.9 100 | 4.8 96 | 4.9 94 | 5.1 94 | 5.2 93 | 5.3 92 | 5.4 90 | 5.6 86 | 5.6 81 | 5.7 77 | 6.0 79 |
| 12 | 4.9 100 | 4.9 100 | 4.9 100 | 4.9 100 | 4.9 100 | 5.1 100 | 5.3 100 | 5.5 100 | 5.7 100 | 6.2 100 | 6.4 97 | 6.6 91 |
| 13 | 5.5 100 | 5.5 100 | 5.5 100 | 5.6 98 | 5.8 98 | 6.0 96 | 6.3 95 | 6.4 91 | 6.5 88 | 6.6 86 | 6.4 82 | 6.6 85 |
| 14 | 5.7 97 | 5.8 97 | 5.9 98 | 6.0 97 | 6.1 96 | 6.4 95 | 6.6 94 | 6.8 90 | 6.8 85 | 6.8 83 | 6.9 80 | 7.1 79 |
| 15 | 5.9 98 | 5.8 98 | 5.8 98 | 5.8 100 | 5.7 95 | 5.9 100 | 5.5 96 | 5.8 98 | 6.0 94 | 6.3 87 | 6.9 77 | 5.5 72 |
| 16 | 6.1 97 | 6.1 97 | 6.0 94 | 5.9 94 | 6.1 92 | 6.4 93 | 5.9 81 | 6.6 79 | 6.3 69 | 6.8 72 | 6.6 66 | 6.5 69 |
| 17 | 7.7 99 | 7.7 99 | 7.7 100 | 7.8 99 | 7.9 100 | 8.7 99 | **9.4** 100 | 9.2 98 | 9.2 99 | 8.6 99 | 7.1 99 | 6.5 96 |
| 18 | 5.1 100 | 4.9 100 | 4.9 100 | 4.8 96 | 4.9 94 | 4.8 91 | 4.8 91 | 4.7 87 | 4.8 87 | 4.7 85 | 4.7 87 | 4.9 87 |
| 19 | 4.5 90 | 4.5 92 | 4.4 87 | 4.7 96 | 4.6 94 | 4.7 96 | 4.6 92 | 4.6 91 | 4.4 85 | 4.5 85 | 4.7 87 | 4.9 91 |
| 20 | 4.4 98 | 4.4 96 | 4.3 94 | 4.4 92 | 4.4 90 | 4.5 94 | 4.5 92 | 4.4 89 | 4.2 87 | 4.4 90 | 4.2 83 | 4.1 78 |
| 21 | 5.1 94 | 5.2 94 | 5.2 94 | 5.0 94 | 5.0 95 | 5.0 94 | 5.1 91 | 5.2 91 | 5.4 88 | 5.8 90 | 6.0 88 | 6.0 88 |
| 22 | 5.3 96 | 5.4 100 | 5.4 100 | 5.5 100 | 5.4 100 | 5.3 100 | 5.3 100 | 5.5 100 | 5.8 100 | 6.1 100 | 6.4 100 | 6.8 100 |
| 23 | 5.3 100 | 5.2 100 | 5.1 100 | 5.3 100 | 5.3 100 | 5.4 100 | 5.3 94 | 5.4 96 | 5.4 95 | 5.6 89 | 5.5 85 | 5.7 90 |
| 24 | 4.8 91 | 5.1 98 | 4.9 96 | 5.0 98 | 4.9 94 | 5.1 96 | 4.9 93 | 5.3 100 | 5.2 96 | 5.2 94 | 5.1 89 | 5.2 91 |
| 25 | 4.2 92 | 4.0 92 | **3.9** 92 | 4.0 94 | 4.0 92 | **3.9** 88 | 4.0 89 | 4.0 82 | 4.1 84 | 4.2 80 | 4.2 77 | 4.4 76 |
| 26 | 4.7 100 | 4.3 90 | 4.3 90 | 4.2 90 | 4.1 90 | 4.5 98 | 4.3 90 | 4.4 87 | 4.7 94 | 4.5 98 | 4.3 84 | 4.5 85 |
| 27 | 4.9 100 | 4.9 100 | 4.8 100 | 4.9 100 | 4.9 100 | 4.9 100 | 5.0 100 | 4.8 93 | 4.9 91 | 5.0 93 | 5.0 91 | 4.8 85 |
| 28 | 4.9 93 | 4.9 93 | 4.7 94 | 5.1 98 | 4.9 96 | 4.9 100 | 5.1 100 | 5.1 94 | 5.2 93 | 5.0 85 | 5.0 85 | 5.1 87 |
| 29 | 5.5 98 | 5.4 98 | 5.3 98 | 5.3 96 | 5.0 91 | 5.1 90 | 5.9 98 | 5.3 79 | 5.1 72 | 4.5 63 | 4.5 61 | 4.3 57 |
| 30 | 5.8 93 | 5.7 95 | 5.7 97 | 5.8 98 | 5.8 97 | 5.4 87 | 5.5 89 | 5.8 93 | 5.9 94 | 5.9 92 | 6.2 97 | 6.1 90 |
| 31 | 6.1 98 | 6.0 97 | 6.2 100 | 6.2 100 | 6.2 100 | 6.3 100 | 6.3 98 | 6.1 100 | 6.0 96 | 5.7 90 | 5.9 90 | 5.9 90 |
| Среднее Mittel | 5.15 97.4 | 5.12 **97.6** | **5.09** 96.9 | 5.15 97.1 | 5.17 96.1 | 5.27 96.0 | 5.35 94.3 | 5.41 91.5 | 5.45 89.3 | 5.51 87.6 | 5.54 85.2 | 5.51 83.8 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.4 87 | 4.4 87 | 4.5 89 | 4.4 87 | 4.4 89 | 4.4 89 | 4.4 89 | 4.3 90 | 4.2 90 | 4.1 90 | 4.3 94 | 4.4 96 | 4.65 93.9 |
| 2 | 5.1 96 | 5.3 96 | 5.1 94 | 5.1 94 | 5.1 96 | 5.0 98 | 4.8 96 | 4.7 96 | 4.7 98 | 4.8 98 | 4.8 98 | 4.7 98 | 4.82 96.3 |
| 3 | 5.0 88 | 5.1 87 | 5.0 85 | 5.1 85 | 5.2 93 | 5.2 96 | 5.1 100 | 5.0 100 | 4.9 100 | 4.8 98 | 4.6 98 | 4.5 100 | 4.74 95.1 |
| 4 | 6.2 79 | 6.3 77 | 6.1 74 | 6.2 75 | 6.5 81 | 6.3 79 | 6.4 83 | 6.2 82 | 6.5 87 | 6.3 94 | 6.1 96 | 6.0 96 | 5.71 87.6 |
| 5 | 6.0 70 | 6.1 71 | 5.8 67 | 5.8 68 | 5.9 70 | 6.4 77 | 6.3 82 | 6.3 84 | 6.4 90 | 5.9 87 | 5.8 93 | 5.7 97 | 6.02 82.6 |
| 6 | 5.3 70 | 5.3 72 | 5.6 77 | 5.4 86 | 5.1 87 | 4.8 87 | 4.7 91 | 4.8 98 | 4.8 100 | 4.5 100 | 4.6 100 | 4.7 100 | 5.23 86.3 |
| 7 | 5.1 87 | 5.2 85 | 5.0 79 | 5.0 76 | 5.2 82 | 5.2 84 | 5.0 83 | 5.0 85 | 4.9 89 | 4.8 93 | 4.8 98 | 4.7 98 | 4.96 90.5 |
| 8 | 5.2 87 | 5.2 85 | 5.0 80 | 5.3 85 | 5.4 88 | 5.2 88 | 5.1 89 | 4.9 93 | 4.8 98 | 4.6 100 | 4.5 100 | 4.3 100 | 4.90 92.8 |
| 9 | 5.4 86 | 5.1 82 | 5.3 87 | 5.1 87 | 5.1 89 | 5.3 92 | 5.1 91 | 5.1 94 | 5.1 96 | 5.1 98 | 4.9 98 | 4.9 98 | 4.95 93.8 |
| 10 | 5.8 80 | 6.0 79 | 6.0 79 | 6.1 87 | 5.9 87 | 5.8 89 | 5.6 90 | 5.5 95 | 5.3 94 | 5.1 96 | 5.0 98 | 4.9 98 | 5.37 92.1 |
| 11 | 5.9 83 | 5.5 78 | 5.7 83 | 5.5 83 | 5.4 87 | 5.3 90 | 5.3 96 | 5.2 94 | 5.2 100 | 5.1 100 | 5.0 100 | 5.0 100 | 5.31 90.6 |
| 12 | 6.7 88 | 6.7 88 | 6.5 90 | 6.4 90 | 6.1 89 | 5.7 92 | 5.6 93 | 5.4 96 | 5.2 94 | 5.4 96 | 5.5 98 | 5.5 100 | 5.67 95.9 |
| 13 | 6.5 81 | 6.4 82 | 6.3 90 | 6.5 94 | 6.2 92 | 6.3 94 | 6.2 95 | 6.1 97 | 6.0 97 | 5.9 97 | 5.7 95 | 5.7 97 | 6.10 92.9 |
| 14 | 7.1 78 | 7.4 79 | 7.0 76 | 7.1 78 | 7.1 78 | 7.2 80 | 7.3 83 | 7.2 84 | 7.2 92 | 7.1 93 | 6.6 99 | 6.3 100 | 6.73 88.0 |
| 15 | 6.4 67 | 5.5 65 | 5.4 61 | 6.0 71 | 5.7 76 | 5.6 76 | 5.6 78 | 5.8 80 | 5.7 87 | 5.6 86 | 5.7 89 | 6.0 96 | 5.83 85.2 |
| 16 | 6.2 58 | 6.1 59 | 6.4 58 | 6.2 58 | 6.3 63 | 6.5 68 | 6.9 74 | 7.3 83 | 7.7 89 | 7.8 93 | 7.8 96 | 7.6 98 | 6.59 79.2 |
| 17 | 6.9 99 | 6.7 97 | 5.5 98 | 5.3 94 | 5.1 93 | 5.2 94 | 5.5 100 | 5.3 96 | 5.2 96 | 5.1 94 | 5.3 96 | 5.2 100 | **6.83** **97.7** |
| 18 | 4.9 88 | 5.0 88 | 5.0 88 | 4.8 86 | 4.9 87 | 4.8 87 | 4.4 85 | 4.7 94 | 4.6 92 | 4.5 92 | 4.5 90 | 4.5 90 | 4.78 90.5 |
| 19 | 4.7 84 | 5.0 95 | 4.8 87 | 4.8 87 | 5.0 95 | 4.8 94 | 4.6 89 | 4.5 89 | 4.6 92 | 4.5 92 | 4.5 94 | 4.4 94 | 4.64 90.8 |
| 20 | 4.2 79 | 4.4 82 | 4.9 83 | 5.0 83 | 5.2 88 | 5.2 91 | 5.3 92 | 5.2 96 | 5.1 94 | 5.2 96 | 5.0 94 | 5.0 95 | 4.66 89.8 |
| 21 | 6.2 90 | 6.1 87 | 6.2 88 | 6.2 88 | 6.2 90 | 6.1 92 | 5.9 92 | 5.8 93 | 5.3 90 | 5.2 88 | 5.2 91 | 5.5 98 | 5.58 91.2 |
| 22 | 7.6 100 | 7.4 96 | 6.8 91 | 6.8 93 | 7.0 91 | 6.3 88 | 6.1 94 | 5.6 89 | 5.6 95 | 5.5 98 | 5.3 98 | 5.3 98 | 5.98 97.0 |
| 23 | 5.7 92 | 5.6 89 | 5.5 87 | 5.3 87 | 5.2 87 | 5.0 85 | 5.0 88 | 4.8 87 | 4.8 87 | 4.8 87 | 4.7 87 | 4.8 89 | 5.24 91.7 |
| 24 | 5.0 88 | 5.0 87 | 4.8 85 | 4.7 84 | 4.6 84 | 4.5 86 | 4.5 87 | 4.4 87 | 4.4 92 | 4.1 87 | 4.2 90 | 4.0 90 | 4.79 91.0 |
| 25 | 4.4 77 | 4.5 78 | 4.9 88 | 5.0 91 | 5.0 89 | 5.0 91 | 4.8 91 | 4.5 89 | 4.8 98 | 4.5 90 | 4.6 98 | 4.6 96 | **4.40** 88.1 |
| 26 | 4.1 77 | 4.2 77 | 4.3 80 | 4.5 80 | 4.6 84 | 4.6 87 | 4.5 86 | 4.8 93 | 4.9 98 | 4.9 100 | 4.7 96 | 4.8 98 | 4.49 89.7 |
| 27 | 4.5 79 | 4.5 79 | 4.7 80 | 4.7 80 | 4.6 81 | 4.9 85 | 4.9 88 | 4.8 86 | 5.0 95 | 5.0 95 | 4.9 96 | 5.1 98 | 4.85 91.5 |
| 28 | 5.1 85 | 5.1 84 | 4.9 79 | 4.9 79 | 4.8 77 | 4.8 78 | 4.9 82 | 5.0 83 | 5.7 97 | 5.5 95 | 5.6 97 | 5.4 93 | 5.07 89.5 |
| 29 | 4.3 59 | 4.4 60 | 4.9 68 | 4.5 62 | 4.8 66 | 4.9 71 | 5.1 75 | 5.3 82 | 5.0 76 | 5.0 78 | 5.3 84 | 5.6 90 | 5.01 **78.0** |
| 30 | 6.6 93 | 6.4 91 | 6.2 85 | 6.4 93 | 6.3 91 | 6.0 89 | 6.4 94 | 6.2 92 | 6.3 95 | 6.2 94 | 6.1 96 | 6.0 96 | 6.03 93.0 |
| 31 | 5.9 90 | 6.1 96 | 5.9 92 | 6.1 97 | 5.8 90 | 5.6 92 | 5.4 93 | 5.3 94 | 5.1 93 | 5.1 93 | 5.0 91 | 5.0 93 | 5.80 94.7 |
| Среднее Mittel | **5.56** 82.7 | 5.55 82.5 | 5.48 **82.2** | 5.49 83.5 | 5.47 85.2 | 5.42 86.7 | 5.38 88.7 | 5.32 90.4 | 5.32 93.3 | 5.23 93.5 | 5.18 95.1 | 5.16 96.5 | 5.35 90.5 |

# САГАСТЫРЪ.

# НАПРАВЛЕНІЕ И СКОРОСТЬ ВѢТРА.

---

# SSAGASTYR.

# RICHTUNG UND GESCHWINDIGKEIT DES WINDES.

# Направленіе и скорость вѣтра.

## Сентябрь 1882.

Высота анемометра надъ землею / Höhe des Anemometers über dem Boden } 6.35m

Среднее мѣстное время. / Mittlere Ortszeit.

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | Полдень. Mittag | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. |
| 1 | SSE | 1 | ENE | 2 | E | 3 | ESE | 3 | SE | 4 | SSE | 4 | SE | 5 | SE | 6 | SE | 6 | SE | 7 | SE | 6 | ESE | 7 |
| 2 | SE | 6 | SSE | 7 | SSE | 7 | SSW | 7 | SW | 5 | SW | 6 | WSW | 8 | W | 7 | W | 5 | WSW | 5 | WSW | 5 | WSW | 4 |
| 3 | SE | 4 | ESE | 2 | | 0 | ESE | 3 | E | 3 | E | 3 | E | 2 | ENE | **3** | | **0** | NNE | 1 | NNE | 1 | NW | 4 |
| 4 | WNW | 8 | WNW | 4 | WNW | 3 | WNW | 5 | W | 3 | W | 4 | WSW | 6 | WSW | **6** | WSW | 6 | WSW | 4 | WSW | 5 | SSW | 4.7 |
| 5 | SSW | 3 | SSW | 5 | SSW | **4** | SSW | 5 | S | 4 | S | 4 | SSW | 6 | S | 8 | S | 8 | S | 7 | S | 9 | SSW | 6.3 |
| 6 | S | 4 | SSW | 5 | SSW | 4 | SSW | 4 | SSW | 5 | SW | 7 | SW | 5 | SW | 5 | WSW | **4** | WSW | 4 | WSW | 5 | WSW | 4.9 |
| 7 | WSW | 5 | WSW | 5 | WSW | 8 | SW | 7 | WSW | 8 | SW | 5 | SW | 7 | SW | **7** | SW | 9 | WSW | 9 | WSW | **9** | WSW | 6.7 |
| 8 | WNW | 5 | NW | 5 | WNW | 9 | W | 7 | WSW | 7 | W | 6 | W | 6 | W | **4** | NW | 6 | WNW | 6 | WNW | **7** | W | 5.3 |
| 9 | | 0 | N | 1 | NE | **2** | ENE | 4 | NE | 4 | ENE | 4 | ENE | 4 | ENE | 5 | E | 7 | ENE | 9 | ENE | 6 | ENE | 6.5 |
| 10 | ENE | 5 | ENE | 6 | ENE | 5 | NE | 4 | NE | 6 | NNE | 8 | NNE | 6 | NNE | 5 | NNE | 7 | NE | 7 | NNE | 7 | NNE | 5.1 |
| 11 | WNW | 1 | WSW | 1 | WNW | 4 | WNW | 4 | WNW | 4 | NW | 3 | NW | **2** | NW | 3 | W | **2** | W | 2 | WSW | 1 | SE | 4.4 |
| 12 | SSE | 9 | SSE | 8 | SSE | 5 | SSE | 5 | S | 5 | SSE | 5 | S | 5 | SSW | 6 | SW | 7 | SW | 5 | WSW | 6 | W | 5.1 |
| 13 | SE | 4 | SE | 5 | SSE | 5 | S | 6 | SSE | 5 | SSE | 8 | SSE | 6 | SSE | 7 | SE | 7 | SE | 6 | SE | 6 | SE | 6.8 |
| 14 | SSW | 6 | SSW | 9 | SW | 9 | SW | 12 | SW | 12 | WSW | 12 | WSW | **14** | WSW | **14** | W | 10 | WSW | 10 | W | 12 | WSW | 9.3 |
| 15 | SSW | 2 | SSW | 1 | SW | 1 | WSW | 1 | W | 2 | NW | 3 | NW | 3 | NNW | 4 | N | 3 | N | 3 | N | 4 | NNE | 4.3 |
| 16 | NE | 5 | NE | 7 | NE | 5 | E | 4 | SE | 3 | SE | 2 | ESE | 3 | ESE | 2 | SSE | 1 | SE | 2 | SSE | 1 | SE | 1 | **2.7** |
| 17 | NW | 3 | NW | 2 | NW | 2 | E | 3 | E | **2** | **SE** | **1** | SE | **1** | ESE | 3 | SE | 2 | SE | **2** | N | 3 | WSW | 4 | 3.1 |
| 18 | S | 2 | SSW | **2** | SSW | 3 | SSW | **2** | SW | 5 | WSW | 6 | SSW | **4** | SW | 4 | SSW | 3 | SSW | 5 | SSW | 6 | SSW | 7 | 5.1 |
| 19 | WSW | 10 | WSW | 10 | SW | 9 | WSW | 9 | WSW | 6 | SW | 8 | WSW | 6 | WSW | 8 | WSW | 7 | WSW | 8 | WSW | 8 | WSW | 6 | 6.1 |
| 20 | E | 6 | E | 7 | E | **8** | E | 8 | E | 10 | E | 10 | E | 9 | E | 8 | E | 10 | ESE | 12 | E | 10 | E | 9 | 9.0 |
| 21 | SE | 6 | WSW | 7 | SW | 8 | WSW | 8 | SW | 9 | WSW | 8 | SW | 10 | SW | 9 | SW | 9 | SW | 9 | SW | 9 | SW | 10 | 7.0 |
| 22 | S | 5 | S | 4 | SSW | 4 | SW | 5 | SSW | 5 | S | 3 | SW | 4 | SW | 4 | SSW | 5 | SW | 5 | SW | 5 | WSW | 5 | 5.5 |
| 23 | W | 10 | W | 14 | W | 11 | W | 11 | W | 9 | W | **12** | W | 12 | WSW | 12 | WSW | **9** | W | 9 | W | 7 | W | 9 | 8.6 |
| 24 | WSW | 8 | SW | 10 | WSW | 8 | WSW | 9 | WSW | 8 | WSW | 8 | WSW | 8 | WSW | 9 | WSW | 12 | WSW | **10** | WSW | 9 | WSW | 9 | 9.9 |
| 25 | WSW | 12 | WSW | 9 | WSW | 9 | WSW | 9 | WSW | 9 | W | 9 | W | 9 | W | 9 | W | 10 | W | 10 | W | 8 | W | 9 | 9.2 |
| 26 | W | 10 | W | 10 | W | 10 | W | 10 | WSW | 10 | W | 9 | WSW | 10 | W | 9 | W | 12 | WSW | 12 | SW | 10 | SW | 9 | **11.1** |
| 27 | SW | 9 | SW | 10 | SW | 12 | SW | 12 | WSW | 10 | W | 9 | NW | 9 | NW | **7** | NNW | 7 | NNW | 9 | NNW | 9 | WSW | 9 | 9.3 |
| 28 | W | 8 | W | 9 | W | 9 | W | 11 | W | 8 | W | 9 | W | 9 | W | **10** | W | 10 | W | 11 | W | 11 | W | 11 | 9.1 |
| 29 | NW | 8 | NW | 10 | NW | 9 | NW | 9 | NW | 9 | NW | 8 | NW | 8 | W | 10 | WNW | 10 | W | **7** | W | 10 | W | 10 | 10.3 |
| 30 | WSW | 11 | WSW | 10 | WSW | 9 | WSW | 8 | WSW | 10 | SW | 9 | SW | 11 | SW | 11 | SW | 12 | WSW | 11 | SW | 12 | WSW | 12 | 9.6 |
| Среднее Mittel | **5.9** | | 6.2 | | 6.2 | | 6.5 | | 6.2 | | 6.2 | | 6.7 | | 7.0 | | 6.9 | | 6.9 | | 6.9 | | 7.3 | |



# Richtung und Geschwindigkeit des Windes.

## September 1882.

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | |
| SE | 7 | SE | 8 | SE | 9 | SE | 8 | SE | 9 | SSE | 10 | SE | 10 | SE | 8 | ESE | 9 | SE | **7** | SE | 8 | SE | 7 | 6.4 |
| WSW | 5 | WSW | 5 | WSW | 3 | SW | 2 | SSW | 2 | SE | 4 | SE | 4 | SE | 2 | SSE | 3 | SE | 4 | SE | 5 | SE | 3 | 4.5 |
| WNW | 4 | NW | 4 | WSW | 4 | WNW | 4 | WSW | 5 | WNW | **7** | WNW | **7** | WNW | **6** | WNW | 5 | WNW | 7 | WNW | 9 | WSW | 8 | 4.0 |
| SW | 5 | SW | **7** | SW | 4 | WSW | 4 | SSW | 4 | S | 4 | SSE | 4 | SSE | 5 | SSE | 4 | S | 4 | SSW | 4 | SSW | 4 | 4.7 |
| SSW | 8 | SW | 8 | WSW | 8 | SW | 8 | WSW | 8 | WSW | 5 | SW | **7** | WSW | **7** | SW | 6 | SSW | 4 | SSW | 4 | SSW | 5 | 6.3 |
| WSW | 5 | NNW | 5 | NNW | 7 | NNW | 7 | NNW | 6 | NW | 6 | NW | 5 | WNW | 5 | WNW | 5 | W | 4 | WSW | 3 | WSW | 3 | 4.9 |
| W | 8 | W | 6 | WSW | 7 | WSW | 5 | W | 5 | WNW | 6 | NW | 7 | NW | 6 | NW | 5 | NW | 7 | WNW | 6 | W | 5 | 6.7 |
| NW | 7 | NW | 7 | NW | 6 | NNW | 5 | NNW | 5 | NNW | 4 | NNW | 4 | NNW | 3 | WNW | 2 | NW | 2 | N | 4 | NNW | 2 | 5.3 |
| ENE | 8 | ENE | 10 | ENE | 10 | E | 9 | E | 8 | ENE | 8 | ENE | 7 | ENE | 9 | ENE | 9 | ENE | 10 | ENE | 8 | ENE | 7 | 6.5 |
| NNE | 8 | NNE | 8 | N | 6 | NNE | 6 | NNE | 6 | NNE | 5 | N | 3 | N | 3 | N | 2 | | 0 | | 0 | | 0 | 5.1 |
| SSE | 3 | SSE | 3 | SSE | 7 | SSE | 5 | SSE | 6 | SSE | 6 | SE | 8 | SSE | 7 | SE | 8 | SSE | 7 | SSE | 7 | SSE | 8 | 4.4 |
| WSW | 5 | W | 5 | WSW | 4 | WSW | 3 | SW | 5 | SSW | 4 | SSW | 5 | SSW | 5 | SSE | 4 | SSW | 4 | SSE | 4 | SSE | 4 | 5.1 |
| SSW | 9 | SSE | 9 | SSE | 10 | SSE | 9 | SSE | 9 | SSW | 6 | SW | 4 | SW | 5 | SW | 6 | WSW | 6 | SSW | 5 | SSW | 6 | 6.8 |
| W | 9 | WSW | 12 | WSW | 10 | WSW | 10 | WSW | 9 | WSW | 9 | WSW | 9 | WSW | 9 | SW | 4 | WSW | 6 | WSW | 6 | SSW | 4 | 9.3 |
| NE | 4 | NNE | 4 | NNE | 5 | NE | 6 | NE | 9 | NE | **7** | NE | 8 | NE | 5 | NE | 6 | NNE | 7 | NNE | 6 | NE | 6 | 4.3 |
| SSE | 1 | SW | 1 | N | 3 | N | 3 | N | 3 | NNE | 4 | NE | 3 | E | 1 | N | 1 | N | 1 | NW | 4 | NW | 3 | **2.7** |
| SW | 6 | SSW | 5 | S | 5 | SSE | 5 | SSE | 4 | SSE | 4 | S | 3 | SSW | 3 | S | 3 | S | 3 | SSW | 5 | SSW | 5 | 3.1 |
| SW | **8** | SW | 8 | SW | 9 | SSW | 7 | SW | 4 | SW | 6 | SW | 3 | SSW | 3 | SSW | 3 | SSW | 3 | WSW | 9 | WSW | 10 | 5.1 |
| SW | 5 | SSW | **3** | WSW | 5 | SSW | 5 | SSW | 3 | SSE | 4 | S | 3 | S | 2 | SE | 4 | ESE | 6 | E | 6 | ESE | 6 | 6.1 |
| E | 12 | E | 9 | E | 9 | E | 10 | E | 9 | E | 9 | E | 8 | E | 8 | E | 9 | E | 8 | E | 9 | ESE | 9 | 9.0 |
| SW | 8 | SW | 8 | SW | 8 | SW | 7 | SW | 7 | SW | 4 | S | 3 | SSW | 4 | S | 5 | SSW | 4 | S | 4 | SSE | 5 | 7.0 |
| SSW | 5 | SSW | 6 | SSW | 5 | WSW | 4 | WSW | 5 | WSW | 12 | SW | 7 | SW | 10 | SW | 9 | W | 4 | W | 6 | W | 8 | 8.5 |
| W | 8 | W | 8 | W | 7 | WNW | 6 | W. | 6 | W | 6 | WSW | 5 | SW | 5 | SW | 7 | WSW | 8 | W | 8 | WSW | 8 | 8.6 |
| W | 10 | WSW | 12 | W | 12 | W | 10 | SW | 8 | SW | 10 | SW | 10 | SW | 12 | SW | 12 | SW | 12 | SW | 12 | SW | **12** | 9.9 |
| WSW | 9 | WSW | 12 | W | 8 | W | 9 | W | 9 | W | 9 | W | 9 | W | 9 | W | 9 | W | 9 | W | 9 | W | 8 | 9.2 |
| WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | WSW | 12 | **11.1** |
| NW | 10 | NW | 8 | NW | **7** | WNW | 8 | NW | 9 | NW | 8 | NW | 11 | W | 11 | W | 11 | W | 10 | W | 9 | W | 9 | 9.3 |
| W | 9 | NW | 9 | WNW | **7** | W | 6 | WSW | **7** | WSW | 8 | W | 10 | W | 10 | W | 9 | W | 9 | W | 9 | W | 9 | 9.1 |
| W | 10 | W | 10 | W | **14** | WNW | 12 | W | 11 | W | 11 | W | 12 | W | 11 | W | 11 | W | 12 | W | 13 | W | 13 | 10.3 |
| WSW | 11 | WSW | 11 | WSW | 11 | WSW | 10 | WSW | 11 | WSW | 10 | SW | **7** | SW | 7 | SW | 6 | SW | 7 | SW | 7 | WSW | 6 | 9.6 |
| 7.3 | | **7.4** | | **7.4** | | 6.8 | | 6.7 | | 6.9 | | 6.6 | | 6.4 | | 6.3 | | 6.2 | | 6.5 | | 6.4 | | 6.7 |

## Октябрь 1882.

## October 1882.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | WSW | 5 | SW | 4 | SW | 4 | SW | 4 | SSW | 4 | SSW | 5 | SSW | 4 | SSE | 4 | SE | 4 | SE | 5 | ESE | 7 | ESE | 7 |
| 2 | ESE | 5 | ESE | 5 | SSE | 4 | SSE | 3 | SSE | 2 | SSE | 2 | SSE | 3 | WSW | 5 | W | 3 | W | 4 | W | 4 | W | 4 |
| 3 | ENE | 5 | ENE | 5 | ENE | 5 | ENE | 6 | ENE | 7 | ENE | 5 | E | 6 | ENE | 5 | E | 5 | E | 8 | ESE | 6 | E | 5 |
| 4 | ESE | 10 | ESE | 12 | ESE | 11 | ESE | 12 | ESE | 12 | ESE | 11 | ESE | 11 | ESE | 10 | ESE | 10 | ESE | 11 | ESE | 10 | ESE | 12 |
| 5 | SE | 7 | SE | 6 | SE | 7 | SE | 6 | SE | 4 | SE | 5 | SE | 5 | SE | 4 | SE | 4 | SSE | 3 | W | 2 | WSW | 3 |
| 6 | WNW | 4 | WNW | 4 | WNW | 4 | WNW | 3 | WNW | 4 | WNW | 3 | WNW | 5 | WNW | 3 | WNW | 4 | W | 4 | W | 3 | WNW | 3 |
| 7 | E | 7 | E | 7 | E | 9 | ENE | 8 | E | 9 | E | 10 | E | 8 | E | 9 | E | 10 | E | 9 | E | 9 | E | 9 |
| 8 | ESE | 8 | E | 8 | E | 9 | ESE | 9 | ESE | 9 | ESE | 8 | ESE | 9 | ESE | 8 | ESE | **7** | ESE | **8** | ESE | 8 | ESE | 8 |
| 9 | E | **7** | E | 8 | ESE | 10 | ESE | 9 | ESE | 8 | ESE | 8 | ESE | 9 | E | 9 | E | 10 | E | 10 | ESE | 10 | ESE | 12 |
| 10 | E | 11 | E | 8 | E | 11 | E | 10 | E | 12 | E | 10 | E | 10 | ESE | 11 | E | 13 | E | 13 | E | 12 | E | 12 |
| 11 | E | 9 | E | 10 | E | 10 | E | 9 | E | 10 | E | 13 | E | 11 | E | 11 | E | 10 | E | 9 | E | 9 | E | 9 |
| 12 | E | 4 | E | 4 | E | 4 | E | 4 | E | 3 | ENE | 5 | E | 6 | ENE | **7** | ENE | 6 | ENE | 4 | ENE | 6 | ENE | 6 |
| 13 | E | 2 | E | 2 | WNW | 2 | WNW | 3 | W | 2 | WNW | 2 | WNW | 2 | WNW | 2 | WNW | 2 | WNW | 1 | WNW | 2 | WNW | 2 |
| 14 | NW | 3 | NW | 3 | WNW | 2 | WNW | 3 | WNW | 3 | WNW | 4 | NW | 5 | NW | 5 | WNW | 4 | WNW | 6 | WNW | 5 | W | 4 |
| 15 | SSW | 7 | SW | 9 | SW | 10 | SW | 10 | SW | 11 | SW | 10 | WSW | 11 | SW | 11 | SW | 10 | SW | 12 | SW | 13 | SW | 14 |
| 16 | SSW | 15 | SSW | 15 | SSW | 15 | SSW | 15 | SSW | 16 | SSW | 15 | SSW | 15 | SSW | 15 | SSW | 16 | SSW | 16 | SSW | 16 | SSW | 15 |
| 17 | SSW | 10 | SW | 9 | SSW | 8 | SW | 10 | SSW | 8 | SSW | 8 | S | 6 | S | 7 | S | **9** | S | 11 | S | 11 | S | 11 |
| 18 | SW | 13 | WSW | 11 | SW | 9 | SW | 8 | SW | 6 | SW | 5 | SW | 5 | SSW | 5 | SSW | 5 | S | 5 | S | 5 | S | 4 |
| 19 | SE | 3 | ESE | 3 | E | 4 | ESE | 3 | SE | 4 | SSE | 4 | SSW | 3 | SSW | 3 | SSW | 3 | S | 4 | S | 3 | SSW | 3 |
| 20 | SSW | 3 | SSW | 3 | SW | 2 | SW | 3 | SW | 1 | SW | 1 | SW | 2 | SW | 2 | WSW | 2 | WSW | 2 | W | 4 | NW | 2.9 |
| 21 | W | 3 | NW | 4 | WNW | 3 | WNW | 4 | WNW | **3** | WNW | 3 | WNW | 3 | WNW | 3 | WNW | 2 | W | 2 | WSW | 2 | SW | 2 |
| 22 | WNW | 4 | WNW | 3 | WNW | 3 | WNW | 3 | WNW | 3 | WNW | 3 | WNW | 3 | WNW | 2 | WNW | 2 | W | 2 | W | 3 | | 2 |
| 23 | WNW | **1** | WNW | 1 | WNW | 1 | SW | 2 | SW | 2 | S | 3 | S | **2** | SSE | 2 | SSE | 2 | SSE | 2 | SSE | 2 | SE | 2 |
| 24 | SSE | 2 | SSE | 2 | ESE | 3 | E | 3 | E | 3 | ENE | 3 | ENE | **2** | ENE | 3 | ENE | 3 | ENE | 3 | NE | **3** | ENE | 3 |
| 25 | ENE | 3 | ENE | 3 | ENE | 4 | ENE | 3 | ENE | 3 | E | 3 | E | 3 | ESE | 2 | E | 2 | E | 2 | E | 2 | E | 2 |
| 26 | WSW | 2 | SW | 3 | W | 3 | SW | 3 | SW | 3 | SW | 4 | WSW | 5 | SW | 4 | SW | 4 | SW | 4 | SW | 4 | SW | 5 |
| 27 | S | 7 | S | 8 | S | 9 | S | 8 | S | 10 | S | 10 | S | 11 | S | 8 | S | 10 | S | 10 | SSE | 9 | S | 6 |
| 28 | SSE | 7 | S | 6 | S | 5 | SSE | 5 | SSE | 4 | SSE | 4 | SSE | 4 | SSE | 3 | S | 3 | S | 3 | S | 3 | S | 3 |
| 29 | WNW | 4 | WNW | 4 | W | **4** | WNW | 4 | W | 4 | W | 3 | WNW | 3 | WNW | 4 | NW | 5 | NW | **4** | NW | 4 | NW | 4 |
| 30 | W | 8 | W | 8 | W | **7** | W | 8 | W | **9** | W | **10** | W | 10 | W | 11 | W | 12 | W | 13 | W | 13 | W | 13 |
| 31 | W | 14 | W | 13 | W | 15 | W | 12 | W | 14 | W | 15 | W | 14 | W | 13 | WSW | 14 | W | 14 | W | 13 | W | 12 |
| Среднее Mittel | **6.2** | | **6.2** | | 6.4 | | 6.4 | | 6.4 | | 6.3 | | 6.4 | | **6.2** | | **6.2** | | 6.5 | | 6.4 | | 6.4 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ESE | 8 | SE | 8 | ESE | 8 | ESE | 9 | ESE | 9 | SE | 10 | SE | 8 | ESE | 10 | SE | 9 | SE | 8 | SSE | 7 | SE | 6 | 6.5 |
| W | 6 | W | 4 | W | 3 | W | 3 | W | 3 | W | 8 | W | 4 | W | 4 | W | 3 | W | 3 | W | 3 | W | 4 | 9.6 |
| ESE | **7** | E | 8 | E | 8 | E | 8 | E | 7 | E | 8 | E | 8 | E | 9 | E | 11 | E | 9 | E | 9 | E | 11 | 7.2 |
| SE | 11 | ESE | 10 | ESE | 11 | ESE | 11 | E | 10 | ESE | 8 | ESE | 8 | ESE | 7 | ESE | 6 | SE | 8 | SE | 8 | SSE | **7** | 9.9 |
| WNW | 4 | W | 4 | W | 5 | NW | 4 | WNW | 4 | WNW | 4 | WNW | 4 | WNW | 4 | WNW | 4 | WNW | 4 | WNW | 4 | WNW | 4 | 4.4 |
| W | 3 | WNW | 2 | WNW | 3 | WNW | 3 | WNW | 4 | W | 3 | SW | 3 | SW | 2 | SW | 1 | E | 2 | E | 6 | ESE | **7** | 3.5 |
| E | 8 | E | **7** | E | 10 | E | 9 | E | 10 | E | 9 | E | 8 | E | 11 | ESE | 11 | ESE | 10 | SE | 10 | ESE | 8 | 8.0 |
| ESE | 8 | ESE | 9 | ESE | 8 | ESE | 7 | E | 7 | ESE | 7 | SE | 6 | SE | 6 | ESE | 6 | E | 7 | ESE | 8 | ESE | 7 | **7.7** |
| ESE | 12 | E | 12 | E | 13 | E | 12 | E | 14 | E | 11 | E | 10 | E | 10 | E | 10 | E | 10 | E | 8 | E | 10 | 10.2 |
| E | 12 | E | 11 | E | 12 | E | 11 | E | 11 | E | 11 | E | 11 | E | 11 | E | 11 | E | 10 | E | 8 | E | 9 | 10.8 |
| E | 9 | E | 9 | E | 10 | E | 7 | E | 9 | E | 9 | E | 7 | ESE | 7 | ESE | 7 | E | 6 | E | 6 | E | 4 | 8.6 |
| ENE | 6 | ENE | 7 | ENE | 7 | E | 6 | E | 5 | E | 3 | ESE | 3 | SE | 3 | SE | 3 | | 0 | E | 1 | E | 1 | 4.3 |
| WSW | 2 | WNW | 2 | W | 3 | W | 3 | W | 3 | WNW | 2 | WNW | 3 | NW | 2 | NW | 2 | NW | 2 | NW | 2 | NW | 2 | 2.2 |
| WSW | 4 | WNW | 5 | WNW | 5 | W | 5 | W | 4 | W | 3 | W | 5 | WSW | 7 | WSW | 8 | SW | 7 | SSW | 6 | SSW | 6 | 4.7 |
| SW | 15 | SW | 15 | WSW | 14 | SW | 15 | SW | 15 | SSW | 16 | SW | 16 | SW | 16 | SW | **22** | SSW | 17 | SSW | 17 | SSW | 17 | **13.5** |
| SSW | 15 | SSW | 15 | SSW | 11 | SW | 11 | SW | 11 | SW | 12 | SW | 12 | SW | 12 | SW | 12 | SSW | 12 | SW | 10 | SW | **13.6** | |
| SSW | 13 | SSW | 14 | SSW | 14 | SSW | 13 | WSW | 12 | WSW | 13 | SW | 14 | WSW | 15 | SW | 15 | SW | 15 | SW | 14 | SW | 14 | 11.3 |
| SW | 4 | SSW | 3 | S | 3 | S | 3 | S | 3 | S | 2 | SE | 3 | SE | 3 | SE | 3 | SE | 3 | SE | 3 | SE | 3 | 5.0 |
| SSW | 3 | S | 3 | S | 2 | S | 3 | SSW | 2 | SSW | 5 | S | 4 | S | 3 | S | 3 | S | 3 | S | 3 | SSW | 3 | 3.2 |
| SW | 3 | SW | 3 | WSW | 4 | SW | 4 | SW | 4 | NW | 5 | NNW | 4 | NW | 3 | SW | 2 | W | 4 | NW | 5 | NW | 5 | 2.9 |
| SW | 1 | SW | 2 | SW | 3 | WSW | 3 | WSW | 2 | WSW | 2 | SW | 2 | SW | 2 | SW | 3 | WNW | 4 | WNW | 3 | WNW | 3 | 2.7 |
| WSW | 2 | WSW | 2 | WSW | 1 | WSW | 1 | WSW | 1 | SSW | 1 | SW | 2 | SW | 2 | WNW | 1 | WNW | 2 | WNW | 1 | WNW | 1 | 2.0 |
| SE | 2 | SSE | 1 | SE | 2 | ESE | 2 | SE | 2 | SE | 1 | SE | 1 | ESE | 1 | SE | 2 | ENE | 1 | SE | 2 | ESE | 2 | **1.7** |
| NE | 4 | NE | 4 | ENE | 4 | ENE | 4 | ENE | 4 | ENE | 5 | ENE | 3 | ENE | 3 | ENE | 3 | NE | 3 | ENE | 3 | ENE | 3 | 3.1 |
| E | 2 | E | 2 | E | 2 | E | 2 | ENE | 2 | ENE | 2 | E | 2 | NE | 1 | NE | 1 | SE | 2 | SE | 2 | SSE | 2 | 2.3 |
| SW | 5 | SW | 6 | SSW | 6 | SSW | 6 | SSW | 8 | SSW | 8 | SSW | 9 | S | 9 | SSW | 9 | S | 10 | S | 10 | S | 9 | 5.8 |
| S | 7 | SSE | 7 | SSE | 8 | SSE | 7 | SSE | 7 | SSE | 8 | SSE | 8 | SSE | 9 | SSE | 6 | SSE | 6 | SSE | 7 | SSE | 6 | 7.9 |
| SSW | 3 | SSW | 2 | S | 2 | SW | 2 | WSW | 2 | WSW | 2 | WSW | 2 | WSW | 2 | SW | 2 | WNW | 2 | W | 2 | WNW | 4 | 3.2 |
| NW | 4 | NW | 5 | NW | 7 | WNW | 6 | WNW | 6 | WNW | 7 | WNW | 7 | WNW | 7 | WNW | 8 | W | 9 | W | 8 | W | 8 | 5.4 |
| W | 13 | W | 14 | W | 14 | W | 14 | W | 14 | W | 13 | W | 14 | W | 14 | W | 13 | W | 14 | W | 13 | W | 14 | 11.9 |
| W | 12 | W | 13 | W | 13 | WNW | 12 | W | 11 | W | 11 | W | 11 | W | 10 | W | 10 | W | 11 | W | 11 | W | 11 | 12.6 |
| 6.8 | | 6.7 | | **6.9** | | 6.8 | | 6.6 | | 6.4 | | 6.5 | | 6.5 | | 6.6 | | 6.5 | | 6.4 | | 6.5 | | 6.5 |

# Направленіе и скорость вѣтра.

Высота анемометра надъ землею / Höhe des Anemometers über dem Boden } 6.35$^{m}$

Среднее мѣстное время. / Mittlere Ortszeit.



# Richtung und Geschwindigkeit des Windes.

## Ноябрь 1882. — November 1882.

(Направ. Richt. / Скор. Geschw.)

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | W 11 | W 13 | W 14 | W 13 | W 16 | W 16 | W 13 | W 11 | W 12 | W 12 | W 11 | W 12 | W 11 | W 11 | W 11 | W 10 | W 10 | W 10 | W 9 | W 9 | W 8 | W 9 | W 8 | W 8 | 11.2 |
| 2 | W 7 | W 7 | W 6 | W 7 | SW 5 | SW 6 | SW 4 | SSW 4 | SW 6 | SW 6 | SW 6 | SW 5 | SW 6 | SW 6 | SSW 5 | SW 5 | SW 4 | SSW 4 | SW 5 | SW 4 | SSW 4 | SSW 5 | SW 3 | SW 3 | 5.1 |
| 3 | SW 3 | SW 2 | SW 3 | SW 3 | SW 3 | 0 | 0 | 0 | 0 | 0 | SSW 2 | SSW 2 | SSW 1 | SSW 1 | SSW 1 | SSW 1 | SSW 1 | SW 2 | SSW 2 | SSW 2 | SSW 2 | SSW 2 | SSW 1 | SSW 2 | 1.5 |
| 4 | SSW 2 | SSW 2 | SSW 2 | SSW 1 | SSW 2 | SSW 2 | SSW 2 | SSW 2 | SSW 2 | SSW 3 | SSW 3 | SSW 3 | SSW 4 | SW 4 | SSW 3 | SSW 4 | SSW 4 | SSW 4 | SSW 4 | SSW 5 | SSW 4 | SSW 6 | SSW 6 | SSW 6 | 3.3 |
| 5 | SSW 7 | SSW 6 | SSW 7 | S 6 | SSW 10 | S 9 | SSW 9 | SSW 9 | S 7 | S 10 | S 11 | S 9 | S 7 | S 8 | S 8 | S 8 | S 6 | SSE 7 | S 5 | S 4 | S 3 | S 3 | S 3 | S 3 | 6.9 |
| 6 | S 4 | S 2 | SSW 5 | SSW 3 | SSW 3 | SSW 3 | SSW 2 | SSW 2 | SSW 2 | SSW 3 | SSW 2 | SSW 3 | SSW 2 | SW 2 | SW 3 | SW 3 | W 3 | W 4 | W 3 | W 3 | WNW 3 | WNW 4 | NW 4 | NW 5 | 3.0 |
| 7 | NW 6 | NW 6 | NW 5 | NW 6 | WNW 5 | WNW 6 | NW 6 | WNW 3 | NW 6 | NW 5 | WNW 6 | WNW 6 | WNW 5 | WNW 5 | WNW 4 | WNW 4 | W 2 | W 3 | W 4 | WSW 3 | SW 3 | SSW 3 | SSW 3 | SSW 4 | 4.5 |
| 8 | S 4 | S 4 | S 5 | S 6 | S 7 | S 7 | SSE 9 | SSE 11 | SSE 10 | SSE 11 | SE 10 | SE 7 | ESE 12 | ESE 13 | ESE 13 | ESE 13 | E 14 | E 14 | E 13 | ENE 8 | ENE 10 | ENE 6 | ENE 7 | ENE 7 | 9.2 |
| 9 | ENE 7 | ENE 7 | ENE 6 | ENE 7 | NE 5 | NE 5 | NE 5 | NE 7 | NE 7 | NE 7 | NE 6 | ENE 6 | NE 5 | NE 5 | NE 5 | NE 4 | NE 4 | NE 3 | NNE 4 | NNE 4 | NNE 2 | NNE 3 | NNE 2 | NNE 3 | 5.0 |
| 10 | NNE 3 | N 4 | N 3 | N 3 | N 4 | N 4 | NNE 4 | NNE 3 | NNE 4 | N 4 | N 4 | N 3 | N 3 | N 2 | N 3 | N 2 | N 3 | N 2 | N 2 | N 3 | NNW 4 | NNW 3 | NW 3 | NW 4 | 3.2 |
| 11 | WNW 4 | WNW 3 | WNW 4 | W 3 | W 3 | W 4 | WNW 4 | WNW 4 | WNW 3 | WNW 3 | WNW 3 | WNW 2 | W 3 | W 3 | W 2 | W 1 | W 1 | W 1 | W 2 | W 2 | W 4 | N 3 | N 3 | N 1 | 2.8 |
| 12 | N 2 | N 2 | 0 | 0 | N 1 | N 1 | N 2 | N 1 | S 2 | S 3 | S 2 | WSW 2 | SW 1 | WSW 2 | S 2 | S 3 | SSW 4 | SSW 7 | SSW 7 | SSW 6 | SSW 7 | SSW 4 | SW 6 | SW 7 | 3.1 |
| 13 | SW 7 | SSW 7 | SSW 6 | SSW 5 | SSW 5 | SSW 6 | S 8 | S 8 | S 9 | S 9 | S 9 | S 9 | S 9 | SSW 11 | SSW 12 | SSW 12 | SSW 14 | SSW 13 | SSW **17** | SSW 13 | SSW 16 | SSW 16 | SSW 16 | SSW 15 | 10.5 |
| 14 | SSW 13 | SSW 15 | SSW 15 | SSW 14 | SSW 16 | SSW 14 | SSW 14 | SSW 13 | SW **17** | SW 16 | SW 16 | SW 15 | SSW 12 | SSW 12 | SSW 10 | SW 14 | SW 13 | SW 14 | SW 12 | SSW 12 | SSW 9 | SSW 10 | SSW 10 | SSW 9 | **13.1** |
| 15 | SSW 11 | SSW 11 | SSW 11 | SSW 8 | SSW 8 | SSW 7 | SW 7 | SSW 4 | SSW 4 | SSW 5 | SSW 4 | SSW 4 | S 5 | S 4 | SSW 5 | SW 5 | WSW 4 | W 5 | W 5 | W 5 | W 4 | W 4 | W 4 | WSW 4 | 5.8 |
| 16 | WSW 4 | W 4 | W 4 | W 3 | W 4 | W 4 | W 4 | W 4 | W 4 | W 4 | W 4 | W 4 | WSW 3 | WSW 2 | WSW 3 | WSW 3 | SW 2 | SW 2 | SW 4 | SSW 3 | SSW 4 | SSW 6 | SSW 6 | SSW 6 | 3.8 |
| 17 | S 5 | S 4 | S 6 | S 6 | SSE 6 | SSE 5 | SSE 5 | SE 5 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 5 | SE 3 | SE 2 | SE 2 | SE 2 | SSE 3 | SSE 2 | SSW 2 | S 2 | S 2 | S 2 | 3.5 |
| 18 | S 3 | S 3 | S 6 | S 9 | SSE 10 | SSE 14 | SSE 14 | SSE 12 | SSE 10 | SSE 10 | SSE 11 | SSE 11 | S 9 | SSE 5 | SSE 5 | SE 4 | SSE 3 | WNW 6 | WNW 10 | WNW 13 | WNW 12 | W 9 | W 7 | WSW 8 | 8.5 |
| 19 | W 8 | W 6 | W 8 | W 8 | W 8 | W 8 | WSW 7 | SW 6 | SW 5 | SW 5 | SW 4 | SW 4 | SSW 4 | SSW 4 | SSW 3 | SSW 3 | SSW 3 | SSW 2 | SSW 2 | SSW 1 | SSW 1 | SSW 2 | SSW 1 | SSW 1 | 4.3 |
| 20 | SSW 1 | 0 | SSW 1 | 0 | 0 | 0 | 0 | 0 | W 1 | WNW 1 | NW 2 | NW 2 | NW 2 | NW 2 | NW 2 | NW 2 | NW 2 | NNW 3 | NNW 3 | NNW 3 | NNW 2 | NNW 3 | NNW 3 | N 3 | 1.6 |
| 21 | NNE 3 | NNE 2 | NNE 3 | NNE 4 | NNE 3 | NNE 2 | NNE 3 | NNE 3 | NNE 3 | NNE 3 | NNE 3 | NNW 4 | NNW 3 | N 4 | N 3 | N 4 | N 3 | N 3 | N 3 | NNW 3 | NNW 3 | N 3 | N 2 | N 2 | 3.0 |
| 22 | NNE 2 | NE 1 | NNE 1 | NNW 2 | NNW 2 | NNW 2 | NNE 3 | NNE 2 | NNE 4 | N 2 | N 2 | W 2 | WNW 3 | WNW 3 | WNW 3 | WNW 3 | WNW 4 | WNW 4 | WNW 3 | WNW 4 | WNW 4 | WNW 4 | W 4 | WNW 5 | 2.9 |
| 23 | WNW 5 | WNW 5 | WNW 5 | W 4 | W 5 | WNW 6 | W 4 | W 4 | WSW 4 | WSW 6 | WSW 6 | WSW 6 | WSW 6 | SW 6 | SW 6 | SW 5 | SSW 5 | SSW 5 | S 5 | SSW 7 | SSW 8 | S 8 | S 8 | SSW 9 | 5.8 |
| 24 | S 8 | S 9 | S 9 | S 9 | S 9 | S 10 | S 10 | S 12 | S 13 | S 12 | S 12 | S 12 | S 10 | S 16 | S 13 | S 12 | S 13 | S 16 | S 14 | S 13 | S 14 | S 13 | S 13 | S 12 | 11.8 |
| 25 | S 13 | S 11 | S 10 | S 11 | S 10 | S 11 | S 11 | SSE 9 | SSE 10 | SSE 9 | SSE 9 | SSE 8 | SSE 8 | SSE 8 | SE 9 | SE 8 | SE 7 | SE 7 | SE 7 | SE 7 | SE 7 | SE 7 | SE 7 | SE 6 | 8.8 |
| 26 | SE 5 | ESE 6 | ESE 8 | ESE 8 | ESE 6 | ESE 7 | ESE 6 | ESE 7 | ESE 6 | ESE 8 | ESE 5 | E 6 | E 3 | E 3 | E 4 | E 3 | E 3 | E 3 | ENE 2 | ENE 5 | ENE 4 | ENE 4 | ENE 4 | ENE 5 | 5.0 |
| 27 | ENE 4 | ENE 4 | ENE 3 | ENE 3 | ENE 3 | ENE 2 | ENE 1 | NE 5 | NE 2 | NE 3 | NE 2 | NE 2 | NE 3 | NE 3 | NE 3 | NE 1 | 0 | 0 | 0 | 0 | NE 1 | NE 1 | NE 2 | NE 2 | 2.1 |
| 28 | SW 2 | SW 2 | SW 3 | SW 3 | W 2 | W 2 | WSW 4 | WSW 2 | WSW 3 | W 3 | W 3 | W 3 | WNW 4 | NNW 4 | NW 3 | NW 2 | NNW 3 | NW 4 | NW 5 | NW 8 | NW 8 | NW 9 | NW 8 | NW 10 | 4.2 |
| 29 | NW 11 | NW 11 | NW 11 | NW 9 | NW 9 | NW 9 | NW 9 | NW 8 | NNW 7 | NNW 4 | NW 4 | NW 5 | NW 3 | NW 4 | NW 3 | NW 4 | NW 7 | WNW 4 | WNW 4 | WNW 4 | WNW 6 | WNW 5 | WNW 8 | WNW 6 | 6.5 |
| 30 | WNW 4 | WNW 5 | WNW 8 | WNW 8 | WNW 10 | WNW 8 | W 9 | W 7 | W 7 | W 5 | W 6 | W 7 | W 5 | W 7 | W 8 | WNW 8 | W 10 | W 9 | W 8 | W 12 | W 13 | WSW 11 | W 11 | W 11 | 8.2 |
| Среднее Mittel | 5.6 | 5.5 | 5.9 | 5.7 | **6.0** | **6.0** | **6.0** | 5.6 | 5.8 | 5.8 | 5.7 | 5.6 | 5.2 | 5.5 | 5.3 | **5.1** | **5.1** | 5.4 | 5.6 | 5.6 | 5.7 | 5.6 | 5.5 | 5.6 | 5.6 |

## Декабрь 1882. — December 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | WNW 8 | SW 9 | SW 7 | SW 7 | SW 9 | SSW 8 | SSW 7 | SSW 7 | S 6 | S 6 | S 4 | S 5 | S 4 | S 4 | S 5 | S 4 | S 2 | S 2 | S 3 | 0 | SSE 2 | SSE 2 | SSE 4 | SSE 1 | 4.8 |
| 2 | SSE 1 | SSE 2 | SSE 2 | SSE 1 | 0 | SSE 1 | 0 | SSW 1 | 0 | W 1 | W 2 | W 1 | WNW 2 | WNW 3 | WNW 3 | WNW 3 | WNW 2 | W 2 | WNW 5 | WNW 1 | WNW 3 | WNW 4 | WNW 6 | WNW 6 | 2.2 |
| 3 | NW 7 | WNW 7 | WNW 7 | WNW 7 | WNW 8 | WNW 7 | NW 7 | NW 7 | WNW 7 | WNW 7 | WNW 8 | WNW 7 | WNW 7 | WNW 7 | WNW 6 | NW 8 | NW 5 | WNW 7 | NW 7 | NW 8 | NW 7 | NW 8 | NW 10 | NW 10 | 7.3 |
| 4 | NW 10 | NW 10 | NW 11 | NW 12 | NW 12 | NW 12 | NW 12 | NW 11 | NW 15 | NW 10 | NW 13 | NW 10 | NW 12 | NW 11 | NW 10 | NW 9 | NW 9 | NW 12 | NW 11 | NW 8 | WNW 10 | NW 7 | NW 10 | WNW 11 | 10.8 |
| 5 | WNW 11 | WNW 10 | WNW 10 | WNW 9 | W 9 | W 6 | WNW 7 | WNW 7 | WNW 5 | W 5 | W 5 | WNW 5 | WNW 4 | WNW 4 | WNW 4 | WNW 4 | WNW 3 | WNW 3 | WNW 4 | WNW 4 | WNW 2 | WNW 3 | WNW 3 | NW 3 | 5.4 |
| 6 | NW 3 | NW 3 | NE 3 | NE 5 | NE 4 | NE 4 | NE 4 | NE 4 | NE 4 | ENE 7 | E 6 | E 5 | E 6 | SE 5 | SE 5 | SE 4 | SE 3 | ESE 3 | NNE 3 | NNE 3 | N 4 | SSW 2 | WSW 3 | WNW 6 | 4.1 |
| 7 | NW 5 | NW 5 | NW 5 | NW 4 | NW 4 | NE 4 | NE 4 | NE 4 | NE 3 | NNE 3 | NE 3 | NE 3 | NNE 2 | N 3 | N 3 | N 3 | N 2 | N 4 | NNE 3 | NE 4 | NNE 4 | NNE 4 | NNE 3 | NNE 3 | 3.5 |
| 8 | NNE 3 | NNE 2 | NE 2 | NE 2 | NE 2 | NNE 2 | NE 2 | NE 2 | NE 2 | NE 1 | NE 2 | NNE 1 | NNW 1 | NNW 2 | NNW 1 | NNW 1 | NNW 1 | NNW 3 | NNW 4 | N 5 | N 3 | N 4 | N 4 | NE 5 | 2.4 |
| 9 | NNE 4 | NE 4 | NE 4 | ENE 4 | ENE 3 | ENE 3 | ENE 3 | ENE 3 | ENE 2 | ENE 3 | ENE 3 | ENE 4 | ENE 2 | ENE 3 | ENE 3 | ENE 3 | ENE 3 | ENE 2 | ENE 1 | ENE 4 | ENE 4 | ENE 4 | ENE 4 | ENE 4 | 3.2 |
| 10 | ENE 4 | SSW 7 | SSW 9 | SSW 9 | SW 11 | SW 11 | SSW 9 | SSW 10 | SSW 10 | SSW 9 | SSW 11 | S 11 | SSW 11 | SSW 10 | SSW 10 | SSW 10 | S 9 | S 8 | S 6 | S 8 | S 7 | S 7 | S 6 | S 6 | 8.8 |
| 11 | S 5 | S 6 | S 6 | S 6 | S 6 | S 7 | S 6 | S 5 | S 6 | S 5 | S 5 | SSE 4 | S 4 | S 3 | S 2 | S 2 | SSE 2 | SSE 3 | SSE 3 | SSE 2 | SSE 1 | 0 | SSE 1 | SSE 1 | 3.8 |
| 12 | 0 | SSE 1 | SSE 1 | SSE 1 | 0 | SE 1 | WNW 1 | NW 1 | 0 | NW 3 | NW 4 | NW 4 | N 5 | NW 4 | NW 7 | NW 7 | NW 8 | NW 8 | NW 8 | NW 8 | NW 7 | WNW 8 | WNW 8 | WNW 7 | 4.3 |
| 13 | WNW 10 | WNW 9 | NW 8 | NW 7 | WNW 6 | WNW 7 | WNW 6 | NW 6 | WNW 5 | WNW 6 | WNW 5 | NW 5 | NW 5 | NW 4 | NW 3 | NW 3 | NW 3 | NW 3 | NW 3 | NW 3 | NW 4 | NW 2 | NW 3 | NW 2 | 4.9 |
| 14 | NW 2 | NW 2 | NW 1 | NW 1 | NW 1 | NW 2 | 0 | 0 | NW 1 | 0 | 0 | 0 | 0 | ESE 1 | WSW 1 | 0 | SW 1 | WSW 1 | W 2 | NW 4 | NW 3 | NW 3 | WNW 4 | WNW 4 | 1.4 |
| 15 | WNW 3 | WNW 3 | WNW 3 | W 3 | W 2 | NW 3 | WSW 1 | 0 | WSW 2 | SSW 3 | SSW 3 | SSW 3 | SSW 4 | SSW 4 | SSW 1 | SSW 2 | SSW 1 | SSW 4 | SSW 4 | SSW 3 | S 3 | SSW 3 | SSW 4 | S 2 | 2.7 |
| 16 | S 4 | SSW 6 | SSW 6 | SSW 6 | S 5 | SW 4 | SE 3 | SW 1 | S 4 | SW 4 | S 4 | S 4 | SSW 3 | SSW 3 | SW 3 | WSW 2 | SW 2 | SW 2 | SSW 2 | SSW 3 | SW 2 | SSW 3 | SSW 3 | SSW 4 | 3.5 |
| 17 | SSW 4 | SSW 4 | SSW 5 | S 4 | SSW 4 | S 7 | SSW 8 | S 8 | SSW 10 | SSW 10 | SSW 7 | SSW 9 | SW 9 | SW 8 | SW 9 | SW 8 | SW 11 | SW 10 | SW 11 | SW 11 | SW 12 | SW 11 | SSW 12 | SW 10 | 8.4 |
| 18 | SW 9 | SW 10 | SW 12 | SW 12 | SW 11 | SW 12 | SW 10 | SW 9 | SW 9 | SW 12 | SSW 13 | SW 10 | SW 10 | SW 13 | SW 11 | SW 11 | SW 10 | SW 10 | SW 9 | SW 8 | SSW 9 | SSW 9 | SW 8 | SW 8 | 10.2 |
| 19 | SSW 8 | SSW 8 | SSW 7 | SSW 8 | SSW 6 | SSW 7 | SW 7 | SW 10 | SW 9 | SW 10 | SW 13 | WSW 12 | WSW 10 | WSW 12 | WSW 11 | SW 11 | WSW 11 | WSW 11 | WSW 10 | SW 10 | SW 10 | SW 10 | SW 11 | SW 11 | 9.7 |
| 20 | SW 12 | SW 13 | WSW 10 | WSW 9 | WSW 8 | W 6 | NNW 5 | N 4 | NW 4 | NW 5 | WNW 6 | WNW 8 | WNW 8 | WNW 9 | WNW 10 | WNW 9 | W 10 | W 9 | W 9 | W 9 | W 9 | W 10 | W 9 | W 8 | 8.3 |
| 21 | W 9 | W 11 | W 11 | WSW 10 | WSW 8 | WSW 7 | W 7 | W 7 | WSW 10 | W 8 | W 9 | WSW 7 | WSW 8 | WSW 9 | SW 7 | SW 7 | SW 7 | SW 9 | SW 8 | SW 7 | SW 7 | SW 7 | S 7 | S 7 | 8.1 |
| 22 | S 8 | S 10 | S 10 | S 8 | S 7 | S 8 | S 9 | S 10 | S 10 | S 9 | S 9 | S 10 | S 8 | S 9 | S 9 | S 9 | S 9 | S 9 | S 6 | S 8 | S 6 | S 5 | S 5 | S 6 | 8.2 |
| 23 | SSE 5 | SSE 7 | SSE 8 | SSE 6 | SSE 7 | SSE 3 | ESE 2 | SSE 2 | SE 2 | SE 1 | SE 1 | SE 2 | SE 1 | SE 1 | 0 | SE 1 | SE 1 | SE 1 | SE 1 | 0 | NW 1 | NW 1 | 0 | NNW 2 | 2.3 |
| 24 | NNW 3 | NNW 2 | NNW 2 | NNW 2 | NW 2 | WNW 1 | NW 1 | NW 1 | NW 1 | NW 1 | NW 1 | NW 1 | WNW 2 | W 2 | W 1 | 0 | WSW 1 | SW 3 | WSW 4 | WSW 6 | SW 6 | SW 7 | SW 7 | SSW 13 | 2.9 |
| 25 | SSW 9 | SSW 11 | SSW 15 | SSW 15 | S 17 | S 14 | SSW **18** | SSW **18** | SSW 16 | SSW 15 | SSW 16 | SSW 17 | SSW 15 | SW 13 | WSW 12 | SW 9 | SW 8 | WSW 8 | WSW 6 | WSW 8 | WSW 8 | WSW 7 | SW 6 | SW 6 | **12.0** |
| 26 | SW 5 | SW 6 | SW 6 | SW 5 | SW 7 | SW 9 | SW 8 | SSW 7 | SSW 6 | SSW 5 | SSW 5 | SSW 7 | SSW 6 | S 6 | S 6 | S 6 | S 5 | S 5 | S 6 | S 4 | S 4 | S 4 | S 3 | S 3 | 5.6 |
| 27 | S 3 | S 3 | S 3 | S 3 | S 3 | S 4 | SSE 3 | SSE 2 | SSE 4 | SSE 4 | SSE 3 | SSE 3 | SSE 2 | S 3 | S 3 | S 2 | S 2 | SSW 2 | SSW 2 | S 4 | S 5 | S 5 | S 6 | S 5 | 3.3 |
| 28 | S 6 | S 7 | S 6 | S 5 | SSE 5 | SSE 5 | SE 5 | SE 4 | SE 4 | SE 3 | S 3 | S 4 | SSW 4 | SSW 4 | SW 4 | WSW 4 | WSW 4 | WSW 4 | WSW 5 | WSW 6 | WSW 6 | WSW 6 | SW 6 | SW 7 | 4.9 |
| 29 | SW 7 | WSW 8 | WSW 6 | WSW 6 | SW 5 | SW 4 | SW 3 | SW 3 | SW 3 | WSW 3 | SW 2 | SW 5 | SW 4 | SSW 1 | S 1 | S 1 | S 2 | SSW 1 | SSW 1 | SW 1 | 0 | SW 1 | SSW 1 | SSW 1 | 2.9 |
| 30 | SW 1 | 0 | SSW 1 | 0 | SSW 1 | SSW 1 | SSW 1 | 0 | 0 | 0 | NW 1 | 0 | 0 | 0 | 0 | 0 | 0 | NW 1 | 0 | 0 | NW 1 | 0 | 0 | 0 | **0.3** |
| 31 | NW 1 | NW 1 | NW 1 | NW 1 | NW 1 | NW 1 | NW 2 | NW 2 | NW 2 | NW 2 | NW 3 | NW 3 | NW 5 | NW 3 | NW 6 | NW 6 | NW 6 | NW 5 | NW 3 | NW 3 | WNW 2 | WNW 3 | WNW 2 | WNW 2 | 2.8 |
| Среднее Mittel | 5.5 | 6.0 | **6.1** | 5.7 | 5.6 | 5.5 | 5.2 | 5.0 | 5.2 | 5.2 | 5.5 | 5.5 | 5.3 | 5.3 | 5.1 | 4.8 | **4.6** | 5.0 | 4.8 | 4.9 | 4.9 | 4.8 | 5.1 | 5.3 | 5.3 |

# Направленіе и скорость вѣтра.

Высота анемометра надъ землею / Höhe des Anemometers über dem Boden } 6.85m

Среднее мѣстное время. / Mittlere Ortszeit.

## Январь 1883.

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | Полдень. Mittag | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. |
| 1 | WNW | 2 | WNW | 2 | WNW | 1 | WNW | 1 | WNW | 1 | W | 1 | W | 1 | W | 1 | W | 1 | W | 1 | W | 1 | | 0 |
| 2 | SE | 1 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | ESE | 3 | ESE | 3 |
| 3 | SSE | 5 | SSE | 4 | SE | 5 | SSE | 5 | SSE | 4 | SSE | 4 | SSE | 5 | S | 6 | S | 4 | S | 4 | S | 3 | S | 4 |
| 4 | SW | 5 | SW | 4 | WSW | 4 | WSW | 4 | WSW | 4 | W | 4 | W | 7 | W | 6 | W | 5 | W | 6 | W | 7 | W | 6 |
| 5 | SSW | 3 | S | 4 | S | 4 | S | 4 | S | 6 | S | 6 | S | 6 | S | 6 | S | 5 | S | 7 | S | 5 | S | 6 |
| 6 | S | 6 | S | 6 | S | 9 | S | 7 | S | 7 | S | 10 | S | 7 | S | 9 | S | 7 | S | 6 | S | 6 | S | 8 |
| 7 | SSW | 5 | S | 4 | SSW | 5 | SSW | 4 | SSW | 4 | SSW | 4 | SSW | 5 | W | 7 | WSW | 10 | SW | 7 | SW | 6 | SW | 7 |
| 8 | S | 7 | S | 9 | S | 6 | S | 7 | S | 5 | SE | 7 | S | 5 | SE | 6 | SE | 5 | SE | 8 | SE | 10 | SE | 9 |
| 9 | SE | 7 | SE | 10 | SE | 8 | SE | 9 | ESE | 8 | ESE | 8 | SE | 8 | SE | 8 | SE | 8 | SE | 6 | ESE | 6 | ESE | 6 |
| 10 | ENE | 4 | ENE | 3 | ENE | 2 | ENE | 4 | NE | 4 | NE | 4 | NE | 3 | NE | 3 | NE | 3 | NE | 3 | ENE | 3 | ENE | 3 |
| 11 | NE | 3 | NE | 4 | NE | 4 | NE | 4 | NE | 4 | ENE | 4 | ENE | 3 | ENE | 2 | E | 4 | E | 4 | E | 2 | E | 3 |
| 12 | ESE | 1 | E | 0 | ESE | 1 | | 0 | SSE | 2 | S | 2 | SSW | 1 | SSW | 2 | SSW | 2 | SW | 2 | SW | 2 | SW | 3 |
| 13 | NW | 3 | NW | 2 | E | 3 | E | 2 | E | 2 | E | 2 | E | 2 | E | 2 | E | 2 | ESE | 2 | ESE | 2 | ESE | 2 |
| 14 | ESE | 1 | ESE | 2 | ESE | 2 | ESE | 2 | SE | 2 | SE | 2 | ESE | 3 | ESE | 3 | ESE | 4 | ESE | 4 | ESE | 4 | ESE | 5 |
| 15 | SE | 3 | SE | 3 | S | 4 | SSE | 3 | SE | 4 | SSE | 4 | SSE | 5 | S | 6 | S | 5 | SE | 5 | SSE | 6 | SSE | 6 |
| 16 | S | 11 | S | 13 | SSE | 16 | S | 18 | S | 19 | S | 18 | S | 15 | S | 13 | S | 13 | S | 13 | S | 12 | S | 12 |
| 17 | SW | 11 | SW | 9 | SW | 8 | SW | 9 | WSW | 10 | WSW | 9 | SW | 6 | SW | 6 | SSW | 3 | SW | 7 | WSW | 7 | WSW | 7 |
| 18 | SW | 12 | SW | 10 | SSW | 11 | SSW | 9 | SSW | 11 | SSW | 14 | SSW | 8 | SSW | 9 | SSW | 7 | SW | 9 | SW | 9 | SW | 9 |
| 19 | S | 9 | S | 8 | SSW | 8 | SSW | 11 | SSW | 12 | SSW | 9 | SSW | 10 | SSW | 10 | SW | 12 | S | 10 | SSW | 8 | SSW | 6 |
| 20 | S | 7 | S | 9 | S | 6 | SE | 5 | S | 4 | S | 4 | SSE | 6 | SE | 4 | SE | 4 | S | 4 | SSW | 6 | S | 3 |
| 21 | S | 3 | SSW | 2 | SSW | 2 | SSW | 2 | SSW | 4 | SSW | 2 | SSE | 2 | SSE | 3 | S | 3 | SSE | 3 | S | 3 | S | 2 |
| 22 | SW | 1 | SSW | 1 | SW | 1 | SW | 2 | SW | 1 | SW | 2 | SW | 2 | WSW | 2 | WSW | 2 | WSW | 2 | W | 2 | W | 1 |
| 23 | SW | 1 | SW | 1 | SW | 2 | S | 1 | S | 1 | S | 1 | SSE | 2 | SE | 1 | SE | 1 | SE | 2 | SE | 2 | SE | 1 |
| 24 | SE | 1 | SE | 2 | SE | 2 | SE | 3 | SE | 3 | SE | 2 | SE | 2 | SE | 2 | SE | 1 | SE | 2 | SE | 2 | SE | 3 |
| 25 | SSE | 3 | SSE | 3 | SE | 4 | SE | 4 | SSE | 4 | SSE | 4 | SSE | 3 | SSE | 4 | SSE | 3 | SSE | 3 | SSE | 4 | SSE | 3 |
| 26 | SE | 3 | SE | 3 | SE | 3 | SE | 3 | SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 3 |
| 27 | ESE | 2 | ESE | 3 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | SE | 2 | SE | 2 | SSE | 2 | SSE | 1 | SSE | 1 |
| 28 | W | 4 | W | 3 | W | 3 | WSW | 2 | SW | 3 | SW | 2 | SW | 3 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 |
| 29 | SW | 2 | SW | 3 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | WSW | 2 | SW | 3 | WSW | 3 |
| 30 | S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| 31 | NE | 2 | NE | 2 | NE | 1 | E | 2 | E | 2 | E | 2 | E | 1 | | 0 | S | 1 | | 0 | E | 1 | E | 1 |
| Среднее Mittel | 4.2 | | 4.3 | | 4.3 | | 4.3 | | 4.5 | | 4.6 | | 4.2 | | 4.4 | | 4.2 | | 4.1 | | 4.2 | | 4.0 | |



# Richtung und Geschwindigkeit des Windes.

## Januar 1883.

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточ. средн. Tagesmittel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | Направ. Richt. | Скор. Geschw. | |
| S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | S | 1 | SSE | 1 | | 0 | |
| SE | 3 | SE | 3 | ESE | 4 | SE | 3 | SE | 4 | ESE | 4 | ESE | 5 | SSE | 5 | SE | 4 | SE | 5 | SE | 5 | SE | 6 | **1.0** |
| S | 5 | S | 5 | SSE | 4 | SSE | 5 | SSE | 5 | SSE | 6 | SSE | 6 | SSE | 6 | S | 5 | S | 5 | SW | 6 | SW | 7 | **3.2** |
| WSW | 5 | SW | 5 | WSW | 5 | WSW | 5 | WSW | 4 | SW | 7 | W | 6 | W | 6 | W | 6 | W | 7 | S | 4 | S | 4 | 4.9 |
| S | 5 | S | 4 | S | 6 | S | 5 | S | 6 | S | 5 | S | 6 | S | 6 | S | 4 | S | 4 | S | 5 | S | 6 | 5.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | 5.0 |
| S | 7 | SSW | 9 | SW | 13 | SSW | 9 | SSW | 9 | SSW | 8 | SSW | 11 | SSW | 8 | SSW | 9 | SSW | 8 | SSW | 7 | SSW | 5 | 7.8 |
| SW | 5 | WSW | 9 | WSW | 10 | WSW | 9 | WSW | 6 | WSW | 7 | SW | 7 | SW | 6 | SW | 6 | SW | 5 | S | 4 | S | 6 | 6.2 |
| SE | 10 | SE | 10 | SE | 13 | SE | 13 | SE | 12 | SE | 16 | SE | 13 | SE | 16 | SE | 12 | SE | 16 | SE | 13 | SE | 12 | 10.0 |
| E | 6 | E | 6 | E | 7 | E | 6 | E | 7 | E | 5 | E | 6 | E | 5 | E | 4 | E | 3 | ENE | 3 | ENE | 3 | 6.3 |
| NE | 4 | ENE | 3 | ENE | 3 | ENE | 3 | NE | 3 | NE | 4 | NE | 3 | NE | 4 | NE | 4 | NE | 4 | ENE | 4 | ENE | 4 | 3.4 |
| E | 4 | E | 3 | E | 3 | E | 3 | E | 2 | E | 3 | ESE | 4 | ESE | 3 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | 3.1 |
| WSW | 2 | SW | 3 | SW | 2 | SW | 3 | SW | 3 | NW | 4 | NW | 4 | NW | 3 | NW | 2 | NW | 2 | NW | 2 | NW | **2** | 2.1 |
| ESE | 2 | SE | 2 | SE | 3 | SE | 3 | SE | 3 | SE | 3 | SE | 3 | SE | 1 | ESE | 1 | ESE | 1 | ESE | 1 | ESE | 1 | 2.0 |
| ESE | 3 | SE | 2 | SE | 3 | ESE | 4 | SE | 4 | SE | 3 | SE | 2 | SE | 3 | SE | 3 | SE | 4 | SE | 4 | SSE | 3 | 3.0 |
| SSE | 6 | S | 6 | SSE | 7 | S | 8 | S | 8 | SSE | 9 | S | 8 | S | 9 | SSE | 10 | S | 10 | SSE | 10 | S | 10 | 6.5 |
| SSW | 11 | SSW | 10 | SSW | 8 | SSW | 9 | SSW | 9 | SSW | 10 | SSW | 11 | SSW | 9 | SW | 12 | SW | 12 | SW | 12 | S | 12 | **12.3** |
| WSW | 9 | SW | 9 | SW | 8 | WSW | 11 | WSW | 10 | WSW | 8 | WSW | 9 | WSW | 8 | W | 12 | WSW | 13 | WSW | 13 | SW | 9 | 8.8 |
| SSW | 9 | SSW | 6 | SSW | 7 | SSW | 6 | SSW | 7 | SSW | 6 | S | 8 | S | 7 | S | 5 | S | 9 | S | 9 | S | 8 | 8.5 |
| S | 8 | S | 7 | S | 7 | S | 7 | S | 9 | S | 12 | S | 8 | S | 8 | S | 8 | S | 8 | S | 6 | S | 2 | 8.5 |
| SW | 3 | S | 3 | SSE | 4 | S | 3 | S | 3 | SE | 3 | SSE | 3 | SSE | 3 | SSE | 2 | SSE | 2 | SSE | 2 | S | 1 | 3.9 |
| S | 2 | S | 2 | S | 3 | SSE | 2 | S | 2 | S | 2 | SSE | 2 | SSE | 1 | S | 2 | S | 2 | SW | 2 | S | 3 | 2.3 |
| W | 2 | WSW | 2 | WSW | 2 | WSW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 1 | SW | 1 | SW | 1 | SW | 1 | SW | 1 | 1.7 |
| SE | 1 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 1 | SE | 2 | SE | 1 | SE | 2 | SE | 1 | 1.5 |
| SSE | 3 | SE | 2 | SSE | 3 | SSE | 2 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | 2.3 |
| SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSE | 4 | SE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | 3.3 |
| ESE | 4 | ESE | 4 | SE | 4 | SE | 4 | SE | 5 | SE | 4 | SE | 4 | SE | 3 | ESE | 4 | ESE | 4 | ESE | 3 | ESE | 3 | 3.5 |
| SSE | 1 | SSE | 1 | SSW | 2 | SSW | 1 | SW | 2 | W | 2 | W | 2 | WNW | 2 | W | 2 | W | 2 | W | 3 | W | 3 | 1.9 |
| WSW | 3 | WSW | 2 | SW | 3 | SW | 3 | SW | 3 | SW | 2 | W | 2 | WSW | 3 | SW | 3 | SW | 3 | WSW | 3 | W | 2 | 2.5 |
| WSW | 2 | WSW | 2 | SSW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 1 | SSW | 1 | 1.9 |
| S | 1 | S | 2 | | 0 | NW | 1 | W | 2 | N | 2 | N | 1 | N | 2 | N | 1 | N | 2 | N | 1 | NNE | 2 | **1.0** |
| E | 1 | SSW | 1 | SSW | 1 | | 0 | | 0 | SSW | 1 | SSW | 1 | SSW | 2 | SSW | 1 | WSW | 1 | WSW | 1 | WSW | 1 | **1.0** |
| 4.2 | | 4.2 | | 4.6 | | 4.5 | | 4.5 | | **4.7** | | 4.5 | | 4.4 | | 4.3 | | 4.5 | | 4.4 | | 4.1 | | 4.3 |

## Февраль 1883.

## Februar 1883.

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточ. средн. Tagesmittel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W | 2 | W | 1 | W | 2 | W | 2 | W | 2 | W | 3 | W | 3 | WSW | 2 | W | 2 | WSW | 2 | WSW | 2 | | | |
| S | 4 | S | 2 | NW | 3 | S | 2 | SSE | 2 | SSE | 2 | SE | 3 | SE | 1 | SE | 2 | ESE | 2 | E | 2 | | | |
| NNW | 3 | NNW | 3 | NNW | 4 | NNW | 3 | NNW | 3 | NNW | 3 | NNW | 4 | NW | 5 | NW | 6 | NW | 4 | NW | 6 | | | |
| WNW | 12 | WNW | 12 | WNW | 9 | W | 10 | W | 10 | W | 11 | W | 9 | W | 9 | W | 9 | W | 9 | W | 8 | | | |
| SSW | 12 | SSW | 9 | SSW | 12 | SW | 12 | SW | 11 | SSW | 8 | SSW | 10 | SW | 10 | SSW | 10 | SSW | 8 | SSW | 8 | | | |
| S | 5 | SSW | 5 | SSW | 4 | SSW | 4 | SSW | 4 | SSW | 3 | SSW | 2 | SSW | 1 | S | 3 | S | 3 | S | 3 | | | |
| S | 4 | S | 4 | S | 4 | S | 3 | S | 1 | S | 1 | | 0 | S | 2 | SE | 2 | SE | 2 | SE | 2 | | | |
| SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 3 | SE | 3 | SE | 3 | SE | 1 | SE | 3 | SE | 3 | SE | 3 | | | |
| SE | 4 | SE | 4 | SE | 4 | SE | 4 | E | 4 | E | 2 | E | 3 | E | 3 | E | 4 | ENE | 4 | E | 4 | | | |
| E | 4 | E | 4 | ESE | 4 | ESE | 4 | ESE | 4 | ESE | 3 | ESE | 2 | ESE | 3 | ESE | 4 | ESE | 3 | ESE | 3 | | | |
| SW | 7 | SW | 7 | SW | 6 | SW | 7 | SW | 6 | SSW | 5 | SSW | 3 | SSW | 4 | SSW | 5 | SW | 3 | SSW | 5 | | | |
| SW | 5 | SW | 5 | SSW | 5 | SSW | 5 | NNW | 4 | SW | 4 | SW | 4 | SW | 4 | SW | 4 | SW | 4 | SW | 5 | | | |
| SSW | 5 | SSW | 5 | SSW | 4 | SSW | 4 | SSW | 4 | S | 4 | SSW | 3 | SSW | 3 | S | 4 | S | 5 | S | 5 | | | |
| S | 6 | S | 6 | S | 6 | S | 8 | S | 9 | S | 7 | SSE | 10 | S | 13 | S | 12 | S | 11 | S | 9 | | | |
| S | 11 | S | 10 | SSE | 11 | SE | 12 | SE | 10 | SE | 10 | SE | 11 | SE | 10 | SE | 9 | SE | 9 | SE | 8 | | | |
| SE | 7 | SE | 5 | SE | 6 | SE | 7 | SE | 6 | SE | 5 | SE | 5 | ESE | 5 | ESE | 3 | ESE | 5 | ESE | 5 | | | |
| ESE | 5 | ESE | 3 | ESE | 3 | ESE | 5 | ESE | 3 | ESE | 4 | ESE | 4 | ESE | 3 | SE | 3 | ESE | 3 | SE | 4 | | | |
| SSE | 4 | S | 4 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SE | 1 | ESE | 3 | S | 1 | | 0 | E | 1 | | | |
| ESE | 1 | ESE | 1 | ESE | 2 | | 0 | ESE | 2 | ESE | 2 | | 0 | | 0 | S | 1 | | 0 | S | 2 | | | |
| | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | |
| S | 2 | SSE | 2 | SSE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | SE | 2 | SE | 2 | SSE | 3 | SSW | 3 | | | |
| | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | SSW | 2 | SSW | 3 | SSW | 3 | SSW | 3 | | | |
| S | 11 | S | 15 | S | 17 | S | 17 | S | 19 | S | 18 | S | 16 | S | 18 | S | 16 | S | 16 | SSW | 16 | | | |
| S | 16 | S | 18 | S | 17 | S | 18 | SSW | 18 | SSW | 18 | SSW | 16 | SSW | 15 | SSW | 14 | SSW | 14 | SSW | 16 | | | |
| S | 9 | S | 10 | S | 9 | S | 8 | S | 7 | S | 8 | S | 9 | S | 9 | S | 9 | S | 9 | S | 9 | | | |
| S | 3 | S | 5 | SE | 3 | SSE | 4 | SSE | 3 | S | 2 | S | 2 | S | 2 | S | 4 | S | 3 | SSW | 1 | ESE | 1 | |
| ESE | 2 | ESE | 2 | ESE | 2 | | 0 | ESE | 2 | ESE | 2 | ESE | 1 | ESE | 2 | ESE | 2 | ESE | 2 | SE | 2 | | | |
| E | 2 | E | 2 | ESE | 3 | ESE | 3 | ESE | 3 | E | 2 | ESE | 2 | ESE | 3 | ESE | 3 | ESE | 3 | ESE | 3 | | | |
| 5.4 | | 5.1 | | 5.2 | | 5.4 | | 5.2 | | 5.0 | | 4.8 | | **4.3** | | 4.6 | | 5.1 | | 4.8 | | 5.0 | | |

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточ. средн. Tagesmittel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WSW | 2 | SW | 2 | SW | 3 | SW | 2 | SW | 3 | SW | 2 | SW | 3 | SW | 2 | SW | 2 | SSW | 3 | SW | 3 | SW | 2 | |
| E | 2 | ESE | 2 | E | 2 | E | 2 | E | 2 | ESE | 2 | ENE | 2 | ENE | 2 | NE | 3 | N | 3 | NNW | 4 | | | |
| WNW | 6 | NW | 7 | NW | 6 | NW | 8 | NW | 10 | NW | 10 | WNW | 10 | WNW | 11 | WNW | 11 | WNW | 12 | WNW | 12 | | | |
| W | 12 | W | 14 | W | 12 | WSW | 15 | WSW | 15 | WSW | 12 | WSW | 13 | SW | 9 | SW | 10 | SSW | 9 | SSW | 8 | | | |
| SSW | 7 | S | 8 | SSW | 8 | SSW | 7 | S | 8 | S | 6 | SSW | 6 | SSW | 6 | SSW | 5 | SSW | 6 | SSW | 6 | | | |
| S | 4 | S | 4 | S | 4 | S | 3 | S | 3 | S | 3 | S | 3 | S | 3 | S | 4 | S | 3 | S | 4 | | | |
| S | 2 | SE | 2 | SE | 2 | | 0 | SE | 1 | SE | 2 | SE | 2 | SE | 2 | SE | 1 | SE | 2 | SE | 2 | | | |
| | 0 | | 0 | SE | 1 | SE | 2 | SE | **3** | SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 4 | SE | 4 | | | |
| E | 3 | E | 4 | E | 4 | E | 4 | E | 3 | E | 3 | E | 3 | E | 4 | ENE | 4 | E | 4 | ESE | 4 | | | |
| ESE | **3** | ESE | 3 | SSE | 3 | SSE | 3 | SSE | 3 | SSW | 3 | WSW | 4 | WSW | 5 | SW | 6 | SW | 6 | SW | 6 | | | |
| SSW | 4 | S | 4 | S | 4 | SSE | 4 | S | 4 | SSW | 4 | SW | 5 | SW | 4 | SW | 5 | S | 4 | SW | 4 | | | |
| SSW | 4 | SW | 5 | WSW | 4 | WSW | 4 | SSW | 5 | SW | 5 | SSW | 4 | SSW | 4 | SSW | 4 | SSW | 5 | SSW | 4 | | | |
| S | 7 | S | 5 | S | 5 | SSW | 5 | S | 4 | S | **7** | S | 4 | S | 6 | S | 9 | S | 9 | S | 6 | | | |
| S | 10 | S | 10 | SSE | 12 | SSE | 13 | SSE | 9 | S | 10 | S | 12 | S | 9 | S | 8 | S | 9 | S | 9 | | | |
| ESE | 9 | ESE | 8 | ESE | 8 | ESE | 8 | SE | 7 | ESE | 8 | ESE | 6 | SE | 8 | ESE | 7 | SE | **7** | SE | 6 | | | |
| SE | 7 | SE | 6 | SE | 6 | SE | 6 | E | 5 | E | 4 | ESE | 4 | ESE | 6 | ESE | 4 | ESE | 5 | ESE | 4 | | | |
| ESE | 3 | ESE | 4 | ESE | 3 | ESE | 3 | ESE | 3 | ESE | 3 | SE | 4 | SE | 4 | SE | 3 | SE | **3** | SE | 2 | | | |
| ENE | 2 | E | 2 | E | 2 | E | 2 | E | 2 | E | 2 | E | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | | | |
| | 0 | SE | 1 | SW | 1 | SW | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | **0.6** | | | |
| SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | SW | 2 | S | 2 | | | |
| ESE | 2 | ESE | 3 | ESE | 3 | ESE | 3 | ESE | 3 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 1 | ESE | 2 | ESE | 2 | | | |
| SW | 3 | SSW | 3 | SSW | 4 | SSW | 4 | S | 6 | SSW | 5 | SSW | 6 | S | 7 | S | 8 | S | 8 | S | 12 | | | |
| SSW | 15 | SSW | 14 | S | 12 | S | 15 | S | 14 | S | 10 | SSW | 11 | SSW | 13 | S | 10 | SSW | 13 | S | 12 | S | 15 | |
| S | 11 | SSE | 8 | SSE | 11 | S | 11 | S | 14 | S | 13 | S | 13 | S | 13 | S | 12 | S | 10 | S | 11 | S | 10 | |
| | 0 | SSE | 1 | SSE | 1 | SSE | 1 | SSE | 2 | SSE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | SE | 3 | | | |
| | 0 | ESE | 3 | SE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | ESE | 2 | | | |
| E | 4 | E | 3 | E | 4 | E | 5 | E | 4 | E | 5 | SE | **4** | SE | **4** | E | 3 | ESE | 3 | E | 3 | E | **4** | |
| 5.0 | | 5.1 | | 5.1 | | 4.8 | | 4.9 | | 5.0 | | 5.1 | | 5.0 | | 4.9 | | 4.9 | | 4.9 | | 5.2 | | 5.0 |

# Направленіе и скорость вѣтра.

**Мартъ 1883.**

Высота анемометра надъ землею / Höhe des Anemometers über dem Boden } 6.35$^{m}$

Среднее мѣстное время. / Mittlere Ortszeit.



# Richtung und Geschwindigkeit des Windes.

**März 1883.**

(Each cell: Направ. Richt. / Скор. Geschw.)

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ESE 3 | ESE 3 | ESE 3 | ESE 3 | E 3 | E 3 | E 4 | ESE 4 | ESE 4 | ESE 6 | SE 4 | SE 4 | ESE 3 | ESE 3 | SE 4 | SE 4 | SE 5 | SE 4 | SE 4 | SE 4 | SE 5 | SE 7 | ESE 6 | SE 5 | 4.1 |
| 2 | SE 4 | SE 4 | SE 4 | SE 3 | ESE 4 | ESE 4 | ESE 3 | ESE 3 | ESE 3 | ESE 3 | ESE 4 | E 3 | E 3 | E 3 | E 3 | E 3 | E 3 | E 3 | E 3 | E 3 | ENE 3 | ENE 3 | ENE 3 | NNE 3 | 3.3 |
| 3 | NNE 3 | NNE 4 | NNE 4 | NNE 5 | NNE 4 | NE 4 | NW 4 | NW 3 | NNW 4 | NW 4 | NW 4 | NW 4 | NW 5 | NW 5 | NW 6 | NW 7 | NW 8 | NW 9 | NW 7 | NW 8 | WNW 8 | WNW 9 | WNW 7 | WNW 8 | 5.6 |
| 4 | WNW 7 | WNW 7 | W 7 | W 10 | WNW 9 | WNW 8 | W 9 | W 9 | W 7 | W 7 | W 8 | W 8 | W 7 | W 6 | W 7 | W 7 | W 7 | W 7 | W 7 | W 8 | W 7 | W 7 | W 8 | W 7 | 7.5 |
| 5 | W 6 | W 7 | W 6 | W 6 | W 6 | W 5 | WSW 5 | WSW 5 | WSW 5 | SW 4 | SW 5 | SW 4 | WSW 4 | SW 3 | SW 2 | SW 3 | SSW 4 | SSW 4 | SSW 2 | SSW 2 | SSW 2 | SSW 2 | SSW 2 | SSW 2 | 4.0 |
| 6 | SSW 2 | SSW 2 | SSW 2 | SSW 1 | 0 | SSW 2 | SSE 3 | SSW 2 | S 2 | SW 2 | WSW 2 | WSW 2 | SW 2 | SW 2 | SW 2 | SW 2 | 0 | SSE 2 | SSE 3 | SSE 3 | SSE 2 | SSE 2 | SSE 2 | SSE 3 | **2.0** |
| 7 | SSE 2 | SSE 2 | SSE 2 | SSW 3 | SSE 2 | SSE 3 | SE 4 | SE 3 | SE 2 | SE 3 | SE 2 | SSE 3 | SE 3 | SE 3 | SE 3 | SE 2 | SE 2 | SE 3 | SE 4 | SE 3 | SE 2 | SE 3 | ES 2 | SE 3 | 2.7 |
| 8 | SE 3 | SSE 3 | SE 3 | SE 3 | SE 3 | S 3 | SSE 3 | SSE 3 | S 3 | S 3 | S 3 | S 3 | SSE 3 | SSW 3 | SW 3 | S 2 | S 2 | S 2 | S 2 | S 2 | SE 3 | SSE 2 | SSE 2 | SSE 3 | 2.7 |
| 9 | SSE 3 | SSE 2 | SSE 2 | SSE 2 | SSE 3 | SSE 3 | SE 3 | SSE 2 | SSE 3 | SE 4 | SE 2 | SE 4 | SE 2 | SE 3 | SE 4 | SE 4 | SE 3 | SE 3 | SE 4 | SE 4 | SE 4 | SE 4 | ESE 5 | ESE 5 | 3.3 |
| 10 | SE 4 | SE 3 | SE 4 | SE 4 | SE 4 | SE 4 | SE 4 | SE 4 | SE 3 | SE 4 | SE 4 | SE 4 | SE 4 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | SE 3 | 3.5 |
| 11 | SE 3 | SSE 3 | SSE 3 | SSE 2 | SE 3 | SE 3 | SSE 2 | SE 2 | SSE 2 | 0 | 0 | 0 | 0 | SSE 1 | SSE 2 | W 2 | W 1 | W 2 | W 3 | W 3 | W 3 | W 3 | W 3 | W 3 | **2.0** |
| 12 | W 4 | W 4 | W 4 | W 5 | W 4 | W 4 | W 5 | W 4 | W 4 | W 5 | W 4 | W 5 | WSW 4 | W 4 | W 5 | W 4 | W 5 | W 5 | W 5 | W 4 | W 5 | WSW 5 | W 5 | WSW 5 | 4.5 |
| 13 | W 5 | WSW 5 | WSW 5 | WSW 4 | W 4 | WSW 4 | SW 4 | SW 3 | WSW 2 | SSW 3 | S 3 | S 3 | S 5 | SSE 5 | SSE 5 | SSE 5 | S 5 | S 7 | S 9 | SSE 9 | SSE 10 | SSE 9 | S 10 | S **13** | 5.7 |
| 14 | S 11 | S 10 | S 10 | S 9 | S 9 | S 9 | S 8 | S 8 | S 8 | SSW 7 | SSW 7 | SSW 7 | SW 5 | SW 3 | SW 3 | SSW 3 | SSW 3 | S 3 | SSE 4 | SSE 4 | SSE 4 | SSE 3 | SSE 6 | SSE 6 | 6.3 |
| 15 | SSE 7 | SSE 8 | S 7 | SSE 8 | 6 | SSE 5 | SSE 9 | SSE 7 | S 5 | S 7 | S 7 | S 6 | SSE 7 | SSE 6 | SSE 5 | SSE 5 | SSE 5 | SSE 4 | SE 4 | SE 4 | ESE 5 | SE 4 | SE 3 | SE 4 | 5.8 |
| 16 | ESE 4 | SE 4 | ESE 3 | SE 3 | SE 4 | ESE 5 | ESE 3 | ESE 3 | SE 4 | ESE 4 | ESE 6 | ESE 6 | ESE 6 | ESE 7 | ESE 6 | ESE 6 | ESE 6 | E 6 | ESE 7 | E 8 | ESE 8 | ESE 8 | ESE 7 | E 7 | 5.5 |
| 17 | E 7 | E 7 | E 8 | E 8 | E 8 | E 8 | E 8 | E 9 | E 9 | E 10 | E 10 | E 10 | E 12 | E 11 | E 12 | E 10 | E 9 | E 10 | E 9 | E 10 | E 9 | E 8 | E 9 | E 10 | **9.2** |
| 18 | E 6 | E 9 | ESE 8 | ESE 8 | ENE 8 | ENE 6 | ENE 8 | ENE 8 | ENE 7 | ENE 8 | ENE 8 | E 8 | E 11 | E 9 | E 9 | E 8 | E 8 | E 7 | ENE 9 | ENE 8 | E 9 | ENE 8 | ENE 7 | ENE 7 | 8.0 |
| 19 | E 6 | ENE 5 | ENE 4 | ENE 4 | ENE 6 | ENE 4 | ENE 4 | ESE 4 | ENE 3 | E 3 | E 4 | E 3 | E 4 | E 3 | E 4 | E 4 | E 3 | E 4 | E 4 | E 3 | E 3 | E 3 | E 3 | E 2 | 3.8 |
| 20 | E 3 | ESE 3 | ESE 3 | ESE 3 | SE 3 | SE 3 | ESE 3 | ESE 3 | E 4 | E 4 | E 5 | E 6 | ESE 5 | E 5 | E 4 | E 4 | E 3 | E 4 | E 4 | E 5 | E 4 | E 5 | E 4 | E 4 | 3.9 |
| 21 | E 4 | E 5 | E 3 | S 3 | E 3 | E 4 | E 3 | E 3 | E 3 | E 3 | E 4 | E 3 | E 3 | E 4 | E 4 | E 4 | E 3 | E 4 | E 3 | E 3 | E 3 | E 3 | E 3 | E 2 | 3.3 |
| 22 | E 2 | E 2 | E 1 | S 1 | N 2 | NNW 2 | NW 2 | NW 2 | WSW 2 | WSW 2 | W 3 | W 3 | W 3 | W 4 | W 4 | W 3 | WNW 4 | WNW 4 | WNW 5 | NW 6 | NW 5 | NW 4 | W 3 | W 3 | 3.0 |
| 23 | W 3 | W 3 | WSW 3 | WSW 2 | SSW 2 | SSW 2 | SSW 2 | S 2 | S 3 | SSE 4 | SSE 4 | SSE 4 | SSE 4 | ESE 6 | ESE 6 | SE 5 | ESE 5 | ESE 6 | ESE 7 | ESE 7 | SE 6 | SE 6 | SE 5 | SE 6 | 4.3 |
| 24 | SE 6 | SE 6 | ESE 6 | SE 6 | SE 6 | SE 7 | ESE 8 | SE 7 | SE 6 | ESE 6 | ESE 7 | ESE 6 | ESE 4 | ESE 4 | ESE 3 | ESE 2 | ESE 2 | ESE 2 | SW 3 | WNW 6 | W 5 | W 6 | W 7 | W 7 | 5.3 |
| 25 | W 9 | W 8 | W 8 | W 6 | W 3 | WSW 6 | WSW 7 | WSW 5 | WSW 6 | WSW 6 | W 7 | W 7 | W 6 | W 6 | W 4 | W 4 | W 4 | WSW 4 | WSW 6 | WSW 7 | W 7 | W 8 | W 6 | W 5 | 6.0 |
| 26 | W 6 | W 5 | W 5 | W 5 | W 4 | W 4 | WSW 4 | WSW 4 | W 4 | W 4 | WSW 4 | W 3 | W 3 | W 3 | W 3 | W 3 | W 3 | W 3 | W 4 | W 3 | W 4 | W 4 | W 4 | W 4 | 3.9 |
| 27 | W 4 | WNW 4 | WNW 3 | WNW 4 | WNW 5 | WNW 5 | NW 5 | NW 5 | NW 5 | NW 5 | NW 6 | NW 6 | NW 5 | NW 5 | NW 5 | NW 6 | WNW 6 | WNW 6 | WNW 5 | WNW 5 | WNW 5 | WNW 5 | WNW 5 | WNW 4 | 5.0 |
| 28 | W 4 | WNW 4 | W 6 | W 6 | W 7 | W 5 | W 6 | W 6 | W 6 | W 5 | W 7 | W 7 | W 6 | W 6 | W 6 | W 6 | W 5 | W 5 | W 5 | WSW 5 | WSW 4 | SW 3 | SW 3 | SSW 4 | 5.3 |
| 29 | SSW 4 | SW 3 | SSW 3 | SSW 3 | SSW 4 | SSW 3 | SSW 3 | SSW 3 | S 4 | S 4 | S 3 | S 4 | SSW 4 | SSW 4 | S 4 | S 4 | SSE 3 | SSE 4 | SSE 4 | SSE 6 | SSE 4 | SSE 4 | SSE 5 | S 5 | 3.8 |
| 30 | SSE 3 | SSE 3 | S 4 | SSE 6 | SSE 6 | SSE 6 | S 6 | S 7 | S 7 | S 7 | S 8 | SSE 8 | S 10 | S 10 | SSE 10 | SSE 10 | SSE 10 | SSE 9 | SSE 9 | SSE 8 | SSE 8 | SSE 8 | SSE 7 | SSE 6 | 7.3 |
| 31 | SSE 7 | SSE 7 | SSE 7 | SSE 7 | SSE 8 | SSE 6 | S 6 | S 7 | S 8 | S 7 | S 6 | S 6 | S 6 | S 6 | S 4 | S 4 | S 4 | S 3 | S 4 | S 4 | SW 3 | S 4 | S 2 | S 4 | 5.4 |
| Среднее Mittel | 4.7 | 4.7 | 4.5 | 4.6 | 4.6 | 4.5 | 4.8 | 4.5 | 4.5 | 4.6 | 4.9 | 4.8 | 4.8 | 4.7 | 4.7 | 4.5 | **4.3** | 4.6 | 4.9 | **5.1** | 4.9 | 4.9 | 4.7 | 4.9 | 4.7 |

## Апрѣль 1883. / April 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S 4 | S 4 | SSW 3 | SSW 3 | SSW 3 | SSW 3 | S 3 | S 3 | SSW 4 | SSW 3 | SW 2 | SW 2 | SW 2 | SW 3 | SW 3 | WSW 3 | W 3 | W 2 | W 2 | W 3 | WSW 2 | WSW 2 | WSW 2 | WSW 2 | 2.8 |
| 2 | 0 | 0 | SW 1 | WSW 2 | W 1 | WSW 2 | WSW 1 | WSW 1 | NW 2 | NNW 3 | N 4 | N 3 | N 2 | N 3 | NE 4 | E 4 | E 4 | E 4 | ENE 5 | ENE 4 | ENE 4 | ENE 4 | ENE 4 | ENE 4 | 2.8 |
| 3 | NE 5 | NE 5 | NE 5 | NE 6 | NE 5 | NE 5 | NE 5 | NE 5 | ENE 5 | NE 6 | ENE 6 | NE 8 | ENE 8 | ENE 8 | E 7 | E 6 | E 7 | E 6 | E 6 | E 7 | E 5 | E 6 | E 5 | E 5 | 5.9 |
| 4 | E 5 | E 6 | E 6 | E 5 | ESE 4 | ESE 4 | E 3 | E 3 | SE 3 | SE 2 | SE 1 | SE 2 | SW 3 | W 4 | W 3 | W 4 | W 4 | W 3 | W 4 | W 4 | W 4 | WNW 4 | W 4 | SW 4 | 3.7 |
| 5 | W 3 | W 3 | W 3 | W 3 | W 4 | W 4 | W 2 | W 4 | W 3 | WSW 3 | W 3 | W 3 | SW 3 | WNW 4 | W 3 | W 3 | W 3 | W 3 | W 4 | W 4 | W 3 | WSW 3 | WSW 3 | W 3 | 3.2 |
| 6 | W 3 | W 3 | W 3 | WSW 3 | WSW 3 | WSW 3 | WSW 3 | W 3 | W 3 | W 4 | W 4 | W 4 | W 4 | WSW 6 | W 7 | W 7 | W 6 | W 5 | W 7 | W 7 | W 6 | W 6 | W 7 | WNW 7 | 4.8 |
| 7 | W 8 | W 9 | W 8 | W 8 | W 9 | W 9 | W 10 | W 8 | W 10 | W 11 | W 11 | WNW 13 | WNW 12 | WNW 12 | WNW 12 | W 10 | W 12 | W 11 | W 10 | W 11 | W 10 | W 10 | WNW 10 | WNW 10 | 10.2 |
| 8 | WNW 10 | WNW 9 | WNW 7 | WNW 7 | NW 6 | NW 6 | WNW 9 | W 7 | W 7 | W 7 | W 6 | W 8 | W 10 | WNW 10 | WNW 11 | W 10 | W 11 | W 10 | W 9 | W 10 | W 11 | W 11 | W 11 | W 10 | 8.9 |
| 9 | W 9 | W 7 | W 8 | WNW 11 | WNW 9 | WNW 9 | WNW 9 | W 8 | WNW 10 | WNW 10 | WNW 9 | WNW 10 | WNW 10 | W 8 | W 10 | W 9 | W 12 | W **15** | WNW **15** | WNW 14 | WNW 13 | NW 13 | WNW 13 | NW 13 | **10.6** |
| 10 | NW 11 | NW 12 | NW 10 | NNW 8 | NNW 8 | NNW 8 | N 8 | N 7 | N 6 | N 8 | N 7 | N 6 | N 7 | N 7 | NNW 7 | NNW 6 | NNW 6 | NW 5 | NW 5 | NW 5 | NW 5 | NW 5 | NW 4 | NW 4 | 6.9 |
| 11 | NW 4 | NW 4 | NW 4 | NW 4 | NW 4 | NW 4 | NW 3 | NW 3 | WNW 4 | WNW 4 | W 4 | W 4 | W 4 | W 4 | W 4 | W 4 | WSW 5 | WSW 4 | SW 3 | SW 5 | SW 4 | SW 5 | SW 5 | SW 5 | 4.1 |
| 12 | SW 5 | SW 4 | SW 5 | SW 5 | SW 5 | WSW 6 | W 6 | W 5 | W 5 | WSW 5 | WSW 6 | WSW 5 | W 7 | W 7 | SW 7 | SW 7 | SW 7 | WSW 7 | WSW 6 | WSW 5 | WSW 5 | W 7 | W 6 | W 6 | 5.8 |
| 13 | SW 6 | SW 5 | SW 4 | SW 4 | SW 5 | SW 5 | SW 4 | SW 5 | SW 5 | SW 5 | SW 5 | SW 5 | SW 5 | SW 5 | SW 4 | SW 5 | SW 5 | SW 4 | SW 3 | SSW 3 | SSW 4 | SSW 4 | SW 4 | SW 4 | 4.5 |
| 14 | SW 3 | SW 3 | WSW 3 | W 3 | SW 3 | W 3 | W 3 | W 3 | WNW 3 | WNW 3 | WNW 3 | WNW 2 | WNW 2 | WNW 2 | WNW 2 | WNW 2 | WNW 2 | WNW 2 | WNW 2 | S 2 | SSE 3 | S 3 | S 3 | SSE 2 | **2.6** |
| 15 | S 2 | SSE 2 | SE 2 | SE 3 | SE 4 | SE 5 | SE 4 | SE 4 | SSE 3 | ESE 3 | SW 2 | S 2 | SE 3 | SE 3 | SE 3 | ESE 3 | SE 3 | SE 3 | SE 4 | SE 4 | ESE 3 | SE 3 | SE 2 | SE 2 | 3.0 |
| 16 | SE 3 | SE 3 | SE 3 | SE 3 | SE 4 | SE 4 | SE 5 | ESE 6 | ESE 6 | ESE 7 | ESE 6 | ESE 6 | ESE 7 | ESE 7 | ESE 6 | ESE 5 | E 5 | ESE 5 | ESE 7 | ESE 7 | E 7 | E 8 | E 7 | E 6 | 5.5 |
| 17 | E 5 | E 5 | E 5 | E 5 | E 5 | E 4 | ENE 4 | E 5 | E 5 | E 5 | E 6 | ESE 5 | ESE 4 | ESE 4 | E 4 | E 4 | E 4 | E 5 | E 6 | E 6 | E 5 | E 6 | E 5 | E 5 | 4.9 |
| 18 | E 5 | E 4 | E 5 | E 5 | E 5 | E 4 | E 6 | E 6 | E 6 | ESE 6 | ESE 6 | ESE 6 | ESE 5 | ESE 6 | ESE 8 | ESE 8 | ESE 8 | ESE 9 | E 10 | E 6 | ESE 6 | ESE 6 | E 10 | S 6 | 6.3 |
| 19 | SE 3 | E 6 | E 5 | E 5 | E 5 | E 7 | E 7 | E 7 | E 7 | E 7 | E 7 | ENE 8 | ENE 10 | ENE 8 | ENE 6 | ENE 7 | E 8 | E 6 | ENE 6 | ENE 7 | ENE 7 | E 6 | NE 4 | ENE 6 | 6.5 |
| 20 | E 4 | ENE 5 | ENE 5 | ENE 6 | ENE 5 | ENE 7 | ENE 7 | E 6 | ENE 8 | ENE 7 | ENE 7 | ENE 7 | E 7 | E 8 | ENE 7 | ENE 7 | ENE 6 | E 7 | E 6 | ENE 5 | E 6 | ENE 7 | ENE 7 | ENE 6 | 6.4 |
| 21 | ENE 5 | ENE 6 | E 7 | ENE 6 | ENE 6 | ENE 6 | ENE 6 | ENE 6 | E 8 | E 8 | E 8 | E 8 | E 9 | E 10 | E 8 | E 7 | E 8 | ENE 8 | ENE 7 | ENE 6 | ENE 6 | ENE 6 | ENE 6 | ENE 6 | 7.0 |
| 22 | ENE 6 | ENE 4 | ENE 4 | NE 4 | NE 5 | ENE 5 | NE 4 | NE 5 | ENE 6 | ENE 6 | E 7 | E 6 | ENE 6 | E 6 | E 6 | E 6 | E 4 | E 4 | E 4 | E 4 | ENE 4 | ENE 4 | E 4 | E 4 | 4.9 |
| 23 | E 5 | E 4 | E 4 | E 4 | E 4 | E 4 | ENE 5 | E 6 | E 5 | E 5 | E 3 | NE 6 | ENE 6 | ENE 6 | ENE 7 | ENE 6 | E 7 | E 7 | E 5 | E 5 | E 5 | E 7 | E 6 | E 6 | 5.3 |
| 24 | ENE 6 | NE 6 | ENE 6 | ENE 6 | ENE 6 | ENE 7 | ENE 7 | ENE 8 | E 9 | ENE 12 | E 13 | E 13 | E 12 | E 14 | E 13 | E 14 | E 13 | E 13 | E 13 | E 13 | E 13 | E 13 | E 12 | E 10 | 10.5 |
| 25 | E 10 | E 10 | E 9 | E 10 | E 12 | E 11 | E 11 | E 10 | E 12 | E 13 | E 14 | E 14 | E 14 | E 12 | E 12 | E 11 | E 10 | E 10 | E 8 | E 8 | E 8 | E 7 | E 7 | E 7 | 10.4 |
| 26 | E 7 | E 7 | E 4 | E 5 | ENE 5 | E 6 | ESE 6 | E 6 | E 5 | E 4 | E 6 | ENE 7 | E 7 | NE 7 | ENE 7 | E 6 | ENE 6 | ENE 5 | NE 4 | NE 3 | ENE 6 | ENE 6 | NE 5 | ENE 4 | 5.6 |
| 27 | ENE 2 | SW 2 | W 4 | WNW 4 | E 7 | E 5 | ENE 5 | E 7 | E 6 | ENE 5 | ENE 4 | ENE 4 | ENE 4 | ENE 4 | SE 3 | ESE 3 | SSE 2 | SSE 3 | ESE 3 | SE 4 | SE 4 | SE 4 | SE 3 | SE 3 | 4.0 |
| 28 | SE 2 | SSE 3 | S 3 | S 4 | S 3 | S 3 | SW 4 | WSW 4 | WSW 4 | SW 3 | SW 4 | WSW 4 | WSW 5 | W 4 | W 4 | W 4 | W 4 | WSW 4 | SW 3 | SW 3 | SW 3 | SW 3 | SW 3 | SW 3 | 3.5 |
| 29 | SW 3 | SW 3 | SSW 3 | SSW 3 | SSW 3 | SSW 2 | S 2 | S 2 | S 4 | SSE 4 | SE 4 | SE 5 | SE 5 | SE 5 | ESE 4 | SE 4 | SE 4 | SE 5 | SE 5 | ESE 4 | ESE 3 | SE 3 | S 3 | S 2 | 3.5 |
| 30 | SE 2 | SE 3 | SE 3 | ESE 3 | SE 3 | ESE 1 | E 2 | ESE 2 | NNW 2 | NNW 2 | NNW 2 | NNW 3 | NNW 4 | NNW 4 | NNW 6 | NNW 5 | NW 6 | NNW 6 | NNW 5 | NW 4 | NNW 3 | N 5 | N 5 | NNW 6 | 3.6 |
| Среднее Mittel | 4.9 | 4.9 | **4.7** | 4.9 | 5.0 | 5.1 | 5.1 | 5.2 | 5.5 | 5.7 | 5.7 | 6.0 | 6.2 | **6.4** | 6.3 | 6.0 | 6.2 | 6.0 | 5.9 | 5.8 | 5.6 | 5.9 | 5.7 | 5.4 | 5.6 |

# Направленіе и скорость вѣтра.

**Май 1883.**

Высота анемометра надъ землею / Höhe des Anemometers über dem Boden } 6.35m

| Число. Datum. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | Полдень. Mittag. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. |
| 1 | NNW | 6 | NNW | 5 | NNW | 6 | NNW | 7 | NNW | 7 | NNW | 6 | NNW | 7 | NNW | 7 | NNW | 8 | NNW | 8 | NNW | **7** | NW | 7 |
| 2 | SSE | 8 | SSE | 8 | SSE | 9 | SSE | 10 | SSE | 12 | SSE | 13 | S | 15 | S | 15 | S | 17 | S | 15 | S | 14 | S | 16 |
| 3 | WSW | 6 | WSW | 4 | SW | 4 | SSW | 4 | S | 4 | S | 3 | S | 3 | SSE | 3 | SSE | 3 | SW | 4 | NW | 5 | WNW | 4 |
| 4 | W | 4 | W | 4 | W | 4 | NW | 4 | NW | 4 | WSW | 4 | WSW | 5 | WNW | 5 | NW | 5 | WNW | 5 | WNW | 4 | WNW | 4 |
| 5 | W | 3 | W | 3 | WNW | 3 | | 0 | WSW | 1 | | 0 | SSE | 2 | ESE | 4 | SE | 4 | S | 4 | ESE | 6 | ESE | 7 |
| 6 | ENE | 6 | ENE | 6 | NE | 5 | NNE | 5 | N | 5 | N | **4** | NNW | **4** | N | **7** | N | 9 | W | 9 | N | 10 | N | 10 |
| 7 | W | 8 | WNW | 9 | W | 9 | NW | 9 | WNW | 7 | WNW | 8 | WNW | **7** | W | 5 | W | 7 | WSW | 7 | WSW | 7 | SW | 9 |
| 8 | SW | 10 | SSW | 8 | SW | 9 | SW | 11 | SW | 9 | SW | 9 | WSW | 9 | WSW | 8 | W | 7 | W | 7 | WSW | 6 | WSW | 6 |
| 9 | W | 2 | W | 2 | W | 1 | W | 2 | NW | 2 | NW | 3 | WSW | 3 | W | 3 | W | 3 | W | 3 | W | 3 | WNW | 4 |
| 10 | W | 3 | WSW | 3 | WSW | 5 | WSW | 6 | WSW | 4 | WSW | 4 | WSW | 5 | W | 3 | W | 3 | W | 3 | W | 4 | WNW | 5 |
| 11 | SSW | 1 | SE | 3 | S | 3 | SE | 3 | ESE | 5 | SE | 7 | SE | 7 | SE | 5 | SE | 8 | ESE | 9 | ESE | 9 | E | 8 |
| 12 | E | 9 | E | 9 | E | 9 | E | 10 | E | 11 | E | 11 | E | 12 | E | 11 | E | 9 | E | 9 | ESE | 9 | E | 8 |
| 13 | E | 6 | E | 6 | ESE | 6 | E | **7** | E | 8 | ESE | 8 | ESE | 9 | ESE | 10 | ESE | 10 | ESE | 11 | ESE | 10 | ESE | 11 |
| 14 | ESE | 13 | ESE | 13 | ESE | 13 | ESE | 14 | ESE | 16 | ESE | 17 | ESE | 16 | ESE | 16 | ESE | **19** | ESE | 16 | ESE | 16 | ESE | **19** |
| 15 | ESE | 14 | E | 12 | E | 13 | E | 12 | E | 12 | E | 13 | E | 15 | E | 14 | E | 15 | E | 15 | E | 15 | E | 15 |
| 16 | ESE | 8 | ESE | **7** | ESE | 7 | ESE | 7 | ESE | 5 | SE | 5 | SE | 3 | SE | 2 | W | 3 | NW | 7 | NW | 7 | NW | 7 |
| 17 | E | 9 | ESE | 10 | SE | 9 | ESE | 7 | SE | 7 | ESE | 9 | ESE | 8 | SE | 7 | ESE | 8 | ESE | 7 | ESE | 7 | ESE | 6 |
| 18 | E | 9 | E | 10 | E | 10 | E | 11 | E | 11 | E | 11 | E | 12 | E | 10 | E | 9 | E | 8 | E | **9** | ESE | 9 |
| 19 | E | 5 | E | 6 | ENE | 6 | E | 7 | E | 5 | E | **7** | E | 8 | E | 9 | E | 9 | E | 7 | E | 7 | E | 7 |
| 20 | SW | 10 | SW | 11 | SSW | 6 | S | 7 | S | 8 | SSW | 7 | S | 8 | S | 7 | S | 9 | S | 8 | S | 7 | S | 8 |
| 21 | SE | 4 | SE | 4 | SE | 5 | SE | 4 | SE | 5 | SE | 7 | SE | **6** | SE | 6 | SE | 6 | SSE | 4 | S | 4 | SSW | 3 |
| 22 | NW | 3 | NW | 4 | WNW | 6 | W | **7** | W | 10 | WSW | 11 | W | 9 | NW | 5 | N | 4 | N | 6 | NNE | 5 | N | 5 |
| 23 | WNW | 8 | W | 8 | W | 8 | W | 8 | W | 9 | W | 8 | W | 9 | WSW | 9 | WSW | 8 | WSW | 9 | WSW | 9 | WSW | 8 |
| 24 | WSW | 6 | SW | 5 | WSW | **4** | WSW | **4** | SW | 4 | SW | 4 | WSW | 5 | WSW | 5 | W | 7 | W | 8 | WSW | 8 | WSW | 7 |
| 25 | E | **4** | E | 5 | E | 6 | E | 5 | E | 6 | E | 7 | E | 5 | E | 5 | E | 6 | E | 7 | E | 7 | E | 8 |
| 26 | NE | 8 | NE | 7 | NE | 8 | NE | 9 | NE | 10 | NE | 9 | NE | 10 | NE | 8 | NE | 8 | NE | 8 | NE | 8 | NE | 8 |
| 27 | NNE | **5** | NE | **5** | NE | 5 | NE | 3 | NE | 4 | NE | 4 | NE | 3 | NE | 3 | NE | 3 | NE | 4 | E | 4 | ENE | 6 |
| 28 | E | 10 | E | 11 | ESE | 13 | ESE | 12 | E | 11 | ESE | 11 | E | 11 | E | **11** | E | 10 | ESE | 10 | ESE | 10 | SE | 6 |
| 29 | SE | 4 | SE | 3 | SE | 2 | SE | 2 | SE | 2 | SE | 2 | SSE | 2 | SE | 3 | ESE | 2 | SSE | 1 | SW | 1 | W | 2 |
| 30 | ESE | 6 | E | 6 | E | 7 | E | 9 | E | 10 | E | 8 | E | 9 | E | 9 | E | 9 | E | 8 | E | 8 | E | 8 |
| 31 | W | 8 | W | 9 | W | 8 | W | 8 | W | 7 | W | 8 | W | 8 | W | 7 | W | 6 | W | 6 | W | 6 | W | 6 |
| Среднее Mittel | 6.6 | | 6.6 | | 6.7 | | 6.9 | | 7.2 | | 7.4 | | 7.5 | | 7.2 | | 7.5 | | 7.5 | | 7.5 | | **7.7** | |

# Іюнь 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NW | 5 | NW | 3 | W | 3 | W | 3 | W | 4 | W | 4 | WNW | 4 | W | 4 | WNW | 5 | WNW | 6 | W | 5 | WNW | 7 |
| 2 | W | 3 | W | 3 | W | 3 | W | 3 | SW | 4 | SSW | 5 | SSW | 5 | SW | 5 | S | 3 | SSW | 2 | W | 3 | SW | 3 |
| 3 | SE | 6 | ESE | 5 | E | **7** | E | **7** | ESE | 8 | E | 9 | E | 8 | E | 10 | E | **9** | E | 10 | E | 10 | E | 10 |
| 4 | S | 3 | S | 4 | WSW | 2 | WSW | 2 | S | 3 | W | 3 | NW | 4 | WNW | 4 | W | 6 | W | 6 | W | 9 | WSW | 8 |
| 5 | NW | 9 | NW | 9 | NW | **7** | NNW | 8 | NW | 6 | NW | 5 | NW | **7** | NW | **7** | NW | **7** | NW | 6 | NW | 6 | NW | 5 |
| 6 | SSW | 2 | SSW | 2 | W | 1 | SSW | 1 | W | 2 | SW | 3 | SE | 5 | SE | 6 | SE | 5 | ESE | 6 | SE | 6 | SE | 6 |
| 7 | SE | **7** | SE | **7** | SE | **7** | SE | 8 | SE | 10 | SE | 9 | SE | 10 | SE | 9 | SE | 10 | SE | 10 | SE | 10 | SE | 9 |
| 8 | SE | 9 | SE | 10 | SE | 11 | SE | 9 | SE | 11 | SE | 13 | ESE | 13 | ESE | 11 | SE | 12 | SE | 14 | SE | 15 | SE | 15 |
| 9 | ESE | 15 | ESE | 15 | ESE | 16 | ESE | 16 | ESE | 15 | ESE | 16 | ESE | **18** | ESE | 15 | ESE | 14 | ESE | **18** | ESE | **18** | E | 17 |
| 10 | E | 15 | E | 13 | E | 13 | ESE | 13 | E | 13 | E | 11 | ESE | 12 | E | 11 | ESE | 11 | ESE | 10 | SE | 10 | SE | 8 |
| 11 | SSW | 6 | S | 6 | S | **7** | S | 6 | S | 8 | S | 9 | SW | 10 | SW | 10 | SW | 10 | WSW | 9 | W | 8 | WSW | **7** |
| 12 | NW | 6 | WNW | **1** | WNW | **4** | WNW | 2 | NW | 2 | NE | 2 | ESE | 3 | ESE | 4 | ESE | **7** | ESE | **7** | ESE | **7** | SE | **7** |
| 13 | E | 3 | NE | **4** | E | **4** | E | **4** | ENE | **4** | ENE | 5 | NE | 6 | NE | **7** | ENE | 6 | ENE | **7** | ENE | 6 | NE | 5 |
| 14 | NW | 6 | W | **6** | NW | **4** | WNW | 5 | W | 6 | WNW | 5 | W | 5 | WSW | 5 | WSW | 3 | WSW | 3 | SW | 4 | SW | **4** |
| 15 | E | 5 | E | 6 | E | 6 | E | 6 | ESE | 5 | E | **7** | E | **7** | ESE | 9 | E | 8 | E | 10 | E | **9** | E | 8 |
| 16 | E | 3 | E | 5 | ENE | 5 | E | 4 | NE | 5 | NE | 5 | NE | 6 | NE | **6** | NE | 6 | NE | 6 | NE | 6 | NE | **7** |
| 17 | NE | 8 | NE | 9 | NE | 9 | NE | 8 | NE | 8 | NE | 8 | NE | **7** | NNE | 7 | NE | **7** | NE | 7 | NNE | 7 | NNE | 7 |
| 18 | NNE | **4** | NNE | 5 | NNE | 5 | NE | **4** | NE | 5 | NNE | **4** | NNE | **4** | NE | 4 | NNE | 3 | NNE | **4** | NE | **4** | NE | 5 |
| 19 | NE | 3 | NE | 4 | ENE | **4** | ENE | **4** | ENE | 3 | ENE | **4** | ENE | 3 | ENE | 3 | E | 4 | ENE | **4** | NE | 3 | ENE | **4** |
| 20 | ENE | 8 | ENE | 5 | E | 4 | E | 5 | E | 5 | E | 6 | E | 6 | E | 6 | E | 4 | E | 5 | E | 6 | E | **7** |
| 21 | E | 6 | E | 6 | E | 5 | E | 5 | E | 5 | ENE | **4** | E | 6 | E | 5 | E | 5 | E | 4 | E | 4 | ENE | **4** |
| 22 | E | 5 | E | 5 | E | 6 | E | 6 | E | 6 | E | 6 | ESE | 6 | ESE | 6 | ESE | **7** | ESE | 6 | ESE | 8 | ESE | 8 |
| 23 | ESE | 9 | E | 8 | E | 10 | E | 11 | ESE | 11 | ESE | **12** | ESE | 14 | ESE | 13 | ESE | 13 | ESE | 14 | ESE | 13 | ESE | 13 |
| 24 | SE | 6 | SSE | 4 | SSW | 2 | S | 3 | S | 2 | S | 2 | WNW | **4** | NW | 3 | NW | 2 | NW | 2 | ESE | 3 | ESE | 3 |
| 25 | SE | 6 | SE | 6 | SSE | 6 | SSE | 5 | SE | 5 | SSE | 4 | SE | 5 | SSE | 4 | SSE | 5 | SE | 5 | SE | 6 | SE | 6 |
| 26 | E | 6 | E | 6 | E | 6 | E | 6 | SE | 3 | SE | 2 | ENE | 4 | E | **7** | E | **7** | ESE | **7** | SE | 6 | SE | 6 |
| 27 | SSE | 2 | SE | 4 | S | 4 | S | 6 | S | 4 | S | 6 | S | 8 | S | 11 | S | 10 | S | 11 | SSE | 3 | S | 6 |
| 28 | SSE | 6 | SSE | 5 | ESE | **7** | S | 8 | S | **7** | S | 6 | S | **7** | SSW | 6 | SSW | **7** | ESE | 8 | E | 8 | E | 8 |
| 29 | SE | 4 | ESE | 5 | ESE | 4 | ESE | 4 | E | 4 | E | 4 | ESE | 4 | ESE | 6 | SE | **7** | ESE | 8 | E | 8 | E | 8 |
| 30 | ESE | 15 | E | 12 | E | 13 | E | 13 | E | 12 | E | 14 | E | **16** | E | 16 | E | 15 | E | 15 | E | 14 | E | 14 |
| Среднее Mittel | **6.0** | | **6.0** | | 6.2 | | 6.2 | | 6.2 | | 6.3 | | 7.2 | | 7.2 | | 7.3 | | **7.6** | | 7.4 | | **7.6** | |





# Richtung und Geschwindigkeit des Windes.

**Mai 1883.**

Среднее мѣстное время. / Mittlere Ortszeit.

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | Направл. Richt. | Скор. Geschw. | |
| NW | 6 | NW | 6 | NW | 3 | WSW | 3 | W | 1 | SSW | 3 | S | 4 | SSE | 5 | SSE | 7 | SSE | 7 | | | | | 5.6 |
| SSW | 13 | S | 13 | S | 10 | W | 6 | W | 7 | W | 7 | W | 7 | W | 7 | W | 6 | WSW | 4 | SW | 6 | | | 10.2 |
| W | 6 | W | 8 | W | 9 | W | 8 | W | 6 | W | 6 | W | 6 | W | 5 | W | 6 | W | 5 | W | 4 | WNW | 4 | 4.9 |
| WNW | 5 | WNW | 5 | WNW | 6 | WSW | 5 | W | 4 | W | 5 | W | 5 | W | 4 | W | 4 | W | 3 | W | 2 | W | 3 | **4.3** |
| ESE | **7** | ESE | 8 | ESE | 10 | ESE | 10 | ESE | 9 | ESE | 10 | ESE | 11 | ESE | 10 | ESE | 9 | ESE | 8 | E | 5 | E | 6 | 5.8 |
| NNW | 11 | N | 10 | NNW | 10 | NNW | 10 | NW | 10 | NW | 10 | NW | 10 | NW | 11 | NW | 10 | NW | 9 | NW | 9 | NW | 8 | 8.3 |
| SW | 8 | S | 7 | SW | 8 | SW | 6 | SSW | 6 | SSW | 7 | S | 8 | S | 11 | S | 10 | S | 11 | S | 11 | SSW | 11 | 8.2 |
| W | 4 | WNW | 4 | WNW | 5 | WNW | 3 | WNW | 3 | NW | 3 | NW | 3 | NW | 1 | WNW | 1 | | 0 | WSW | 1 | WSW | 2 | 5.4 |
| WNW | **4** | WNW | 4 | WNW | 4 | NW | 5 | NNW | 6 | NW | 6 | NW | 5 | NW | 5 | WNW | 6 | WNW | 4 | W | 4 | W | 5 | 3.7 |
| WSW | 5 | WNW | 6 | WNW | 5 | WNW | 3 | WNW | 2 | W | 3 | WSW | 3 | SW | 3 | SW | 3 | SW | 2 | SSW | 3 | SSW | 2 | 3.8 |
| ESE | 11 | ESE | 10 | E | 10 | ESE | 11 | E | 10 | E | 10 | E | 10 | E | 11 | ENE | 9 | E | 11 | E | 10 | E | 9 | 8.0 |
| E | 7 | E | 6 | E | 6 | E | 6 | E | 4 | E | 4 | E | 3 | E | 3 | E | 4 | E | 5 | E | 6 | E | 7 | 7.4 |
| ESE | 10 | ESE | 12 | ESE | 13 | ESE | 13 | E | 13 | ESE | 14 | ESE | 12 | E | 12 | E | 12 | E | 12 | E | 12 | ESE | **14** | 10.5 |
| ESE | 16 | E | 17 | ESE | 17 | E | 17 | E | **19** | E | 17 | ESE | 14 | ESE | 13 | E | 14 | E | 13 | E | 13 | E | 13 | **15.5** |
| E | 16 | E | 15 | E | 14 | E | 14 | E | 13 | E | 13 | E | 13 | E | 13 | E | 12 | E | 11 | E | 10 | ESE | 9 | 13.1 |
| NNE | 4 | NNE | 4 | NNE | 5 | ENE | 4 | NNE | 2 | E | 4 | E | 4 | E | 5 | E | 6 | ESE | 7 | ESE | 8 | ESE | 8 | 5.4 |
| ESE | 6 | E | 6 | E | 7 | E | 7 | E | 8 | E | 9 | E | **10** | E | 11 | E | 8 | E | 10 | E | 10 | E | 10 | 8.1 |
| E | 8 | E | 7 | E | 6 | E | 7 | E | 7 | E | 7 | E | 6 | E | 5 | ESE | 4 | E | 3 | E | 4 | E | 5 | 7.8 |
| E | 9 | E | 8 | E | 6 | ESE | 6 | ESE | 4 | ESE | 4 | SE | 4 | SE | 4 | SE | 5 | SSE | 6 | SE | 7 | SSW | 8 | 6.4 |
| SSW | 8 | SSW | 5 | S | 3 | S | 5 | SSE | 6 | SE | 5 | SSE | 7 | SE | 6 | SE | 5 | SE | 6 | SE | 6 | SE | 5 | 6.8 |
| SW | 3 | S | 2 | SSW | 2 | SSE | 2 | SSE | 2 | SSW | 2 | SSE | 1 | SW | 1 | WNW | 3 | NNW | 3 | | | | | 3.4 |
| N | 5 | N | 4 | N | 3 | NW | 10 | NW | 11 | NW | 11 | NW | 10 | NNW | 5 | N | 4 | NNW | 3 | WNW | 7 | WNW | 7 | 6.5 |
| WNW | 10 | WNW | 12 | WNW | 13 | WSW | 13 | WNW | 13 | W | 10 | W | 9 | W | 7 | W | 6 | WSW | 6 | SW | 7 | WSW | 7 | 8.9 |
| WSW | 7 | SW | 7 | SW | 6 | SW | 4 | SW | 2 | SW | 2 | S | 2 | SSW | 2 | E | 3 | E | 4 | E | 4 | E | 4 | 4.8 |
| E | 8 | ENE | 8 | ENE | 8 | ENE | 8 | ENE | 8 | ENE | 7 | ENE | 7 | ENE | 7 | NE | 9 | NE | 7 | NE | 8 | NE | **8** | 6.8 |
| NE | 8 | NE | 6 | NE | 6 | NE | 6 | NNE | 6 | NNE | 6 | NE | 7 | N | 5 | N | 5 | NNE | 5 | N | 5 | N | 4 | 7.1 |
| NE | 5 | NE | 5 | ENE | 5 | NE | **7** | ENE | **7** | E | 9 | ENE | 9 | E | 7 | E | 6 | ENE | 10 | ENE | 10 | E | 10 | 5.8 |
| SSE | 6 | SE | 5 | S | 5 | SSE | 6 | SSE | 5 | SSE | 6 | SE | 6 | SSE | 5 | SSE | 4 | SSE | 5 | SE | 4 | SSE | 5 | **7.8** |
| NW | 3 | N | 2 | WSW | 3 | WNW | 2 | WNW | 2 | NW | 3 | WNW | 3 | NNW | 1 | NNW | 1 | WNW | 3 | SE | 4 | SE | 6 | SE | **2.6** |
| E | 6 | E | 6 | E | 5 | E | 4 | ENE | 2 | ENE | 2 | WNW | 4 | W | 5 | W | 5 | WNW | 4 | W | 5 | W | 7 | 6.3 |
| W | 5 | WSW | 5 | WSW | 5 | WNW | 3 | WSW | 3 | W | 4 | W | 3 | W | 3 | WNW | 3 | WSW | 5 | WNW | 4 | WNW | 4 | 5.5 |
| 7.5 | | 7.2 | | 7.0 | | 6.9 | | 6.5 | | 6.7 | | 6.5 | | 6.2 | | **5.9** | | 6.0 | | 6.5 | | 6.7 | | 6.9 |

# Juni 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WNW | 7 | WNW | 5 | WSW | 6 | NW | 6 | WNW | 6 | WNW | 5 | WSW | 2 | W | 4 | W | 3 | W | 4 | W | 4 | W | 4 | 4.6 |
| SSW | 3 | S | 2 | SW | 4 | S | 4 | SE | 4 | SSE | 4 | S | 4 | SSE | 4 | E | 4 | E | 4 | E | 6 | | | 3.6 |
| E | 9 | E | 9 | ESE | 8 | E | 7 | E | 9 | SE | 8 | SSE | 8 | SE | 8 | SE | 7 | S | 8 | S | 8 | S | 4 | 8.0 |
| WSW | 5 | WNW | 7 | NW | 6 | NW | 9 | NW | 10 | NW | 11 | NW | 10 | NW | 9 | NW | 9 | WNW | 9 | NW | 6 | NW | 8 | 6.4 |
| NW | 3 | NW | 3 | W | 3 | WSW | 2 | VNW | 3 | NW | 2 | NW | 2 | NW | 2 | WSW | 2 | WSW | 2 | W | 2 | S | 2 | 4.6 |
| SE | 6 | SE | 7 | SE | 6 | SE | 6 | SE | 7 | SE | 6 | SE | 4 | SE | 6 | SE | 6 | SE | 8 | | | | | 4.9 |
| SE | 9 | SE | 8 | SE | 10 | SE | 10 | SE | 9 | SE | 8 | SE | 9 | SE | 8 | SE | 7 | SE | 9 | | | | | 8.8 |
| ESE | 14 | SE | 14 | ESE | 14 | ESE | 13 | ESE | 12 | ESE | 13 | ESE | 14 | ESE | 14 | ESE | 13 | ESE | 14 | ESE | 13 | ESE | 14 | 12.7 |
| ESE | 17 | E | 17 | E | 16 | E | 17 | E | 16 | E | 16 | E | 17 | E | 16 | E | 16 | E | 17 | E | 16 | E | 15 | **16.1** |
| ESE | 8 | SE | 7 | SE | 8 | SSE | 7 | S | 4 | S | 4 | S | 5 | S | 4 | S | 3 | SSW | 6 | S | 5 | S | 4 | 8.5 |
| W | 7 | W | 8 | W | 8 | W | 9 | W | 8 | W | 9 | W | 9 | W | 7 | WNW | 5 | WNW | 5 | NW | 5 | | | 7.6 |
| ESE | 6 | SE | 5 | S | 4 | SW | 6 | W | 6 | W | 5 | WSW | 3 | W | 3 | | | | | | | | | 4.0 |
| NE | 7 | NE | 7 | ENE | 6 | NE | 3 | SW | 3 | NE | 1 | N | 2 | N | 3 | NNE | 4 | NW | 5 | NW | 5 | NW | 4 | 4.6 |
| SW | 2 | WSW | 1 | | 0 | WSW | 2 | S | 2 | ESE | 2 | E | 3 | E | 3 | E | 4 | E | 4 | E | 4 | E | 4 | 3.7 |
| ESE | 6 | E | 7 | E | 7 | E | 8 | E | 7 | ESE | 6 | ESE | 5 | ESE | 5 | ESE | 4 | ESE | 4 | ESE | 5 | | | 6.5 |
| ENE | 6 | NE | 6 | NE | 6 | NE | 6 | NE | 6 | NE | 6 | NE | 7 | NE | 11 | NE | 9 | NE | 7 | NE | 9 | | | 6.1 |
| NNE | 7 | NNE | 5 | N | 6 | NNE | 5 | NNE | 5 | NNE | 5 | NNE | 4 | NNE | 4 | NNE | 4 | NNE | 4 | NNE | 4 | | | 6.3 |
| NE | 4 | NE | 4 | NE | 3 | NE | 3 | NE | 3 | NE | 2 | NE | 3 | NE | 3 | NE | 3 | NE | 4 | NE | 4 | | | 5.7 |
| E | 5 | E | 4 | E | 6 | E | 6 | E | 8 | ENE | **7** | ENE | 7 | E | 6 | E | 6 | E | 6 | E | 7 | | | 4.9 |
| ENE | 5 | E | 6 | E | 6 | E | 6 | E | 7 | E | 6 | ESE | 6 | ESE | 6 | E | 5 | ESE | 6 | ESE | 6 | E | 6 | 5.7 |
| ENE | 5 | ESE | 5 | E | 4 | ENE | 6 | ESE | 4 | E | 6 | ENE | 6 | E | 6 | E | 6 | E | 8 | E | 6 | E | 6 | 5.2 |
| ESE | 8 | ESE | 8 | ESE | 8 | ESE | 9 | ESE | 10 | ESE | 8 | ESE | 7 | ESE | 8 | ESE | 9 | ESE | 10 | SE | 9 | SE | 11 | 7.4 |
| ESE | 12 | ESE | 13 | SE | 11 | ESE | 12 | ESE | 13 | ESE | 10 | ESE | 12 | ESE | 10 | ESE | 9 | ESE | 9 | ESE | 9 | SE | 7 | 11.1 |
| SE | 5 | SE | 4 | SSE | 4 | SSW | 2 | SSE | 4 | SSW | 2 | SSE | 4 | SSE | 3 | SSE | 2 | SE | 4 | SE | 5 | SE | **6** | **3.5** |
| SE | 6 | SE | 10 | SE | 8 | SE | 9 | SE | 9 | SE | 9 | ESE | 7 | ESE | 7 | ESE | 7 | ESE | 6 | E | 7 | ESE | 7 | 6.4 |
| SE | 7 | ESE | 10 | ESE | 10 | ESE | 10 | ESE | 9 | ESE | 9 | ESE | 7 | SE | 3 | SSE | 3 | SE | 3 | | | | | 6.3 |
| S | 5 | S | 11 | S | 11 | SSE | 10 | S | 8 | S | 10 | S | 8 | S | 9 | SSE | 6 | SSE | 6 | SSE | 7 | | | 7.6 |
| SW | 5 | WSW | 3 | WSW | 4 | SW | 2 | SW | 2 | SW | 2 | SSE | 3 | ESE | 1 | ESE | 2 | ESE | 3 | ESE | 4 | SE | 4 | 4.5 |
| E | 9 | E | 11 | E | 11 | E | 12 | E | 12 | E | 13 | E | 13 | E | 14 | E | 16 | E | 16 | E | 14 | E | 8 | 9.0 |
| E | 15 | E | 12 | E | 12 | E | 11 | E | 10 | E | 12 | ESE | 12 | ESE | 10 | E | 9 | E | 9 | E | 8 | E | 8 | 12.4 |
| 7.2 | | 7.3 | | 7.2 | | 7.2 | | 7.2 | | 7.1 | | 6.6 | | 6.6 | | 6.2 | | 6.4 | | 6.3 | | 6.6 | | 6.8 |

# Направленіе и скорость вѣтра.

Высота анемометра надъ землею / Höhe des Anemometers über dem Boden } 6.35$^m$

Среднее мѣстное время. / Mittlere Ortszeit.



# Richtung und Geschwindigkeit des Windes.

## Іюль 1883. / Juli 1883.

| Число. Datum. | 1 Направ. Richt. | 1 Скор. Geschw. | 2 Направ. Richt. | 2 Скор. Geschw. | 3 Направ. Richt. | 3 Скор. Geschw. | 4 Направ. Richt. | 4 Скор. Geschw. | 5 Направ. Richt. | 5 Скор. Geschw. | 6 Направ. Richt. | 6 Скор. Geschw. | 7 Направ. Richt. | 7 Скор. Geschw. | 8 Направ. Richt. | 8 Скор. Geschw. | 9 Направ. Richt. | 9 Скор. Geschw. | 10 Направ. Richt. | 10 Скор. Geschw. | 11 Направ. Richt. | 11 Скор. Geschw. | Полдень. Mittag. Направ. Richt. | Полдень. Mittag. Скор. Geschw. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ENE | 8 | ENE | 8 | ENE | 8 | ENE | 11 | NE | 9 | NE | 8 | NE | 8 | NE | 8 | NE | 9 | NE | 9 | NE | 9 | NE | 10 |
| 2 | NE | 10 | NNE | 7 | NE | 7 | NNE | 7 | N | 8 | NNE | 7 | NE | 6 | N | 7 | NE | 5 | ENE | 2 | NE | 3 | NE | 4 |
| 3 | NE | 3 | NE | 4 | NE | 4 | NE | 4 | NE | 4 | ENE | 4 | ENE | 5 | E | 5 | E | 3 | E | 4 | ESE | 4 | ESE | 5 |
| 4 | SSE | 8 | SSE | 7 | SSE | 7 | SE | 8 | SSE | 8 | SE | 9 | SE | 10 | SE | 9 | SE | 9 | SE | 9 | SE | 10 | SE | 10 |
| 5 | E | 6 | ENE | 7 | ENE | 7 | ENE | 6 | ENE | 7 | NE | 7 | ENE | 8 | ENE | 9 | ENE | 8 | ENE | 7 | ENE | 10 | ENE | 10 |
| 6 | ESE | 8 | ESE | 7 | ENE | 8 | ESE | 6 | E | 6 | E | 7 | E | 6 | E | 7 | ESE | 8 | E | 8 | E | 8 | E | 7 |
| 7 | E | 8 | E | 9 | E | 9 | E | 9 | E | 10 | E | 11 | E | 11 | E | 12 | E | 12 | E | 12 | E | 12 | ESE | 12 |
| 8 | E | 12 | ESE | 11 | ESE | 11 | E | 12 | E | 13 | E | 14 | E | 14 | E | 14 | ESE | 15 | ESE | 14 | ESE | 14 | ESE | 14 |
| 9 | ESE | 13 | ESE | 13 | ESE | 13 | ESE | 12 | SE | 12 | ESE | 12 | ESE | 12 | SE | 12 | E | 13 | ESE | 12 | ESE | 13 | ESE | 12 |
| 10 | ESE | 6 | ESE | 6 | ESE | 7 | ESE | 4 | SE | 6 | S/ | 4 | SSW | 3 | SW | 4 | W | 6 | WNW | 6 | NW | 9 | NW | 7 |
| 11 | NNW | 3 | NNW | 3 | NNW | 2 | NNW | 2 | NNW | 3 | N | 4 | N | 4 | N | 4 | N | 4 | N | 4 | NNE | 4 | N | 4 |
| 12 | NNE | 4 | NE | 6 | NNE | 7 | NNE | 6 | NE | 6 | NE | 5 | N | 5 | N | 6 | NNE | 6 | N | 6 | NNE | 7 | N | 7 |
| 13 | N | 6 | N | 6 | N | 5 | N | 5 | N | 5 | N | 6 | N | 7 | N | 7 | N | 6 | N | 6 | N | 6 | N | 6 |
| 14 | NNW | 8 | NNW | 8 | NNW | 8 | NNW | 8 | N | 8 | NNW | 8 | NNW | 8 | NNW | 8 | NW | 8 | NW | 8 | NW | 7 | NW | 8 |
| 15 | N | 6 | N | 5 | N | 7 | N | 5 | NNE | 8 | NNE | 8 | NE | 8 | NE | 8 | NE | 8 | NE | 8 | NE | 8 | ENE | 9 |
| 16 | ENE | 10 | ENE | 9 | ENE | 9 | ENE | 9 | NE | 9 | NE | 8 | ENE | 8 | ENE | 8 | ENE | 8 | ENE | 9 | ENE | 9 | ENE | 8 |
| 17 | NNW | 4 | NNW | 4 | NW | 6 | NW | 5 | NW | 4 | NW | 4 | NW | 4 | NNW | 5 | N | 5 | N | 5 | N | 5 | N | 5 |
| 18 | NW | 3 | NW | 6 | NW | 5 | NNW | 5 | N | 4 | N | 4 | NNE | 4 | E | 4 | E | 6 | E | 6 | E | 6 | ENE | 6 |
| 19 | ESE | 7 | ESE | 8 | ESE | 8 | ESE | 9 | ESE | 8 | E | 8 | E | 8 | E | 8 | ESE | 10 | ESE | 10 | ESE | 9 | ESE | 10 |
| 20 | E | 12 | E | 11 | E | 12 | E | 13 | E | 12 | E | 13 | E | 13 | E | 14 | ESE | 14 | ESE | 14 | ESE | 14 | ESE | 15 |
| 21 | ESE | 13 | ESE | 14 | ESE | 14 | ESE | 14 | E | 14 | ESE | 15 | ESE | 15 | ESE | 15 | ESE | 15 | ESE | 14 | ESE | 15 | ESE | 14 |
| 22 | SE | 11 | SE | 11 | SE | 12 | SE | 10 | ESE | 13 | ESE | 14 | ESE | 14 | ESE | 14 | ESE | 13 | SE | 13 | SE | 12 | SE | 12 |
| 23 | ESE | 12 | ESE | 12 | ESE | 13 | ESE | 13 | ESE | 15 | ESE | 12 | ESE | 12 | ESE | 12 | ESE | 13 | ESE | 13 | ESE | 13 | SE | 15 |
| 24 | ESE | 11 | ESE | 11 | ESE | 10 | ESE | 12 | ESE | 10 | ESE | 12 | ESE | 12 | ESE | 12 | ESE | 12 | ESE | 12 | ESE | 12 | SE | 13 |
| 25 | ESE | 14 | ESE | 14 | ESE | 15 | ESE | 15 | E | 16 | E | 14 | ESE | 14 | E | **17** | E | 15 | E | 13 | E | 14 | E | 14 |
| 26 | E | 11 | E | 10 | E | 10 | E | 11 | E | 11 | E | 11 | E | 7 | E | 10 | E | 11 | E | 10 | E | 10 | E | 11 |
| 27 | NE | 7 | NNE | 7 | N | 7 | N | 6 | N | 7 | NNE | 7 | NNE | 7 | NE | 8 | NNE | 8 | NE | 7 | NNE | 8 | NNE | 8 |
| 28 | NE | 9 | NE | 11 | NE | 10 | NE | 9 | NE | 9 | NE | 9 | NE | 9 | NE | 7 | NE | 8 | NE | 9 | NE | 9 | NE | 10 |
| 29 | N | 7 | NNE | 6 | NE | 6 | ENE | 5 | E | 5 | E | 6 | NE | 8 | E | 8 | E | 10 | E | 9 | E | 9 | E | 9 |
| 30 | E | 8 | E | 10 | E | 9 | E | 10 | E | 8 | E | 9 | E | 10 | E | 10 | E | 10 | E | 10 | E | 9 | ENE | 10 |
| 31 | NNE | 5 | N | 4 | N | 5 | N | 6 | NNE | 7 | NNE | 7 | NNE | 8 | NNE | 8 | NNE | 9 | NE | 10 | NNE | 10 | NNE | 11 |
| Среднее Mittel | | 8.2 | | 8.2 | | 8.4 | | 8.3 | | 8.5 | | 8.6 | | 8.6 | | 9.0 | | 9.3 | | 9.0 | | 9.3 | | 9.5 |

| Число. Datum. | 1 Направ. Richt. | 1 Скор. Geschw. | 2 Направ. Richt. | 2 Скор. Geschw. | 3 Направ. Richt. | 3 Скор. Geschw. | 4 Направ. Richt. | 4 Скор. Geschw. | 5 Направ. Richt. | 5 Скор. Geschw. | 6 Направ. Richt. | 6 Скор. Geschw. | 7 Направ. Richt. | 7 Скор. Geschw. | 8 Направ. Richt. | 8 Скор. Geschw. | 9 Направ. Richt. | 9 Скор. Geschw. | 10 Направ. Richt. | 10 Скор. Geschw. | 11 Направ. Richt. | 11 Скор. Geschw. | 12 Направ. Richt. | 12 Скор. Geschw. | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NE | 9 | NNE | 9 | NE | 10 | NNE | 10 | NE | 10 | NNE | 11 | NNE | 12 | NE | 12 | NE | 12 | NE | 11 | NE | 9 | NE | 9 | 9.5 |
| 2 | N | 3 | N | 4 | N | 3 | NNW | 4 | NW | 4 | NE | 4 | N | 4 | NE | 4 | NE | 3 | NE | 3 | NE | 4 | NNE | 2 | 4.8 |
| 3 | ESE | 5 | ESE | 4 | E | 6 | E | 5 | SE | 7 | ESE | 7 | SE | 6 | SE | 8 | SE | 8 | SE | 8 | SE | 8 | SE | 8 | 5.4 |
| 4 | SE | 8 | SE | 9 | SE | 8 | SE | 9 | SE | 7 | ESE | 9 | ESE | 4 | ESE | 7 | E | 7 | E | 6 | E | 7 | E | 6 | 8.0 |
| 5 | ENE | 10 | ENE | 10 | ENE | 9 | ENE | 9 | ENE | 8 | ENE | 9 | E | 8 | E | 8 | ENE | 8 | ENE | 8 | E | 7 | E | 8 | 8.1 |
| 6 | E | 8 | E | 9 | E | 8 | E | 8 | E | 8 | E | 9 | E | 9 | ESE | 8 | ESE | 10 | ESE | 9 | ESE | 8 | E | 8 | 7.8 |
| 7 | ESE | 11 | ESE | 11 | ESE | 12 | ESE | 14 | ESE | 11 | ESE | 13 | E | 13 | ESE | 13 | ESE | 13 | ESE | 13 | E | 12 | ESE | 13 | 11.5 |
| 8 | E | 16 | E | 16 | E | 16 | E | **17** | E | 16 | E | 16 | ESE | 15 | ESE | 15 | ESE | 14 | ESE | 13 | ESE | 13 | ESE | 14 | **14.1** |
| 9 | E | 11 | ESE | 10 | ESE | 10 | ESE | 8 | ESE | 9 | ESE | 9 | ESE | 9 | ESE | 9 | SE | 7 | SE | 6 | ESE | 6 | SE | 6 | 10.4 |
| 10 | NW | 7 | NW | 7 | NW | 8 | NW | 7 | NW | 7 | NNW | 7 | NW | 4 | NW | 5 | NW | 6 | N | 6 | N | 3 | NW | 3 | 5.8 |
| 11 | NNE | 5 | N | 6 | N | 4 | N | 5 | N | 5 | N | 6 | N | 4 | NNW | 4 | N | 6 | N | 5 | N | 5 | N | 4 | **4.2** |
| 12 | NNW | 8 | NNW | 8 | NNW | 9 | NNW | 8 | NNW | 8 | NNW | 8 | NNW | 7 | NNW | 6 | N | 6 | NNE | 6 | NNE | 6 | N | 6 | 6.5 |
| 13 | NNW | 8 | N | 8 | NNW | 7 | NNW | 9 | NNW | 7 | NNW | 7 | NNW | 7 | NNW | 9 | NNW | 8 | NNW | 7 | NNW | 8 | NNW | 8 | 6.8 |
| 14 | NNW | 8 | NNW | 9 | NNW | 9 | NNW | 9 | NNW | 8 | N | 6 | N | 6 | N | 6 | NNE | 6 | N | 6 | N | 6 | N | 6 | 7.5 |
| 15 | NE | 10 | NE | 11 | NE | 9 | ENE | 10 | ENE | 9 | ENE | 10 | ENE | 9 | ENE | 10 | ENE | 9 | ENE | 9 | NE | 8 | ENE | 9 | 8.4 |
| 16 | ENE | 9 | ENE | 8 | ENE | 8 | ENE | 8 | ENE | 7 | NE | 6 | NE | 5 | NE | 4 | NNE | 5 | N | 5 | N | 4 | N | 4 | 7.4 |
| 17 | NNW | 4 | NNW | 4 | NW | 3 | NW | 4 | NW | 4 | NNW | 4 | NW | 5 | NW | 4 | NW | 3 | WNW | 3 | WNW | 3 | WNW | 3 | **4.2** |
| 18 | E | 6 | E | 6 | E | 7 | E | 7 | E | 7 | ESE | 7 | E | 8 | E | 8 | ESE | 8 | ESE | 7 | ESE | 7 | SE | 6 | 6.0 |
| 19 | ESE | 10 | ESE | 10 | ESE | 11 | ESE | 11 | E | 12 | E | 12 | ESE | 12 | ESE | 11 | ESE | 13 | ESE | 13 | E | 12 | ESE | 12 | 10.1 |
| 20 | ESE | 15 | ESE | 14 | ESE | 14 | ESE | 14 | ESE | 13 | ESE | 13 | E | 14 | E | 14 | ESE | 16 | ESE | 14 | ESE | 14 | ESE | 13 | 13.5 |
| 21 | ESE | 14 | ESE | 14 | ESE | 14 | ESE | 12 | ESE | 14 | ESE | 14 | ESE | 15 | ESE | 13 | ESE | 13 | ESE | 12 | ESE | 10 | ESE | 10 | 13.6 |
| 22 | ESE | 12 | ESE | 12 | ESE | 13 | ESE | 13 | ESE | 14 | ESE | 14 | SE | 14 | ESE | 13 | SE | 15 | ESE | 12 | ESE | 13 | ESE | 12 | 12.8 |
| 23 | SE | 14 | ESE | 16 | ESE | 15 | ESE | 15 | ESE | 15 | ESE | 14 | ESE | 14 | ESE | 13 | ESE | 12 | ESE | 13 | ESE | 12 | ESE | 12 | 13.3 |
| 24 | ESE | 14 | ESE | 14 | ESE | 13 | ESE | 14 | ESE | 13 | ESE | 14 | ESE | 15 | ESE | 14 | ESE | 11 | ESE | 12 | ESE | 13 | ESE | 13 | 12.5 |
| 25 | E | 15 | E | 15 | E | 12 | E | 13 | E | 13 | E | 14 | E | 15 | E | 14 | E | 13 | E | 12 | E | 11 | E | 9 | 13.8 |
| 26 | E | 11 | ENE | 10 | ENE | 9 | ENE | 9 | ENE | 10 | ENE | 9 | ENE | 9 | ENE | 9 | ENE | 9 | ENE | 7 | NE | 6 | NE | 7 | 9.5 |
| 27 | NE | 7 | NE | 8 | NE | 8 | NE | 7 | NE | 7 | NE | 7 | NE | 7 | NE | 7 | NE | 8 | NE | 9 | NE | 8 | NE | 9 | 7.5 |
| 28 | NE | 9 | NE | 10 | NE | 8 | NE | 8 | NE | 8 | NE | 8 | NE | 10 | NE | 8 | NE | 9 | NE | 9 | NNE | 8 | NNE | 7 | 8.8 |
| 29 | E | 11 | E | 9 | E | 10 | E | 9 | ENE | 9 | ENE | 10 | ENE | 9 | E | 9 | E | 8 | E | 8 | E | 8 | E | 9 | 8.2 |
| 30 | E | 9 | ENE | 8 | E | 9 | E | 8 | E | 9 | ENE | 10 | ENE | 8 | ENE | 8 | ENE | 8 | ENE | 7 | ENE | 6 | N | 6 | 8.7 |
| 31 | NE | 10 | NE | 9 | NE | 9 | NE | 8 | NNE | 7 | NNE | 7 | N | 8 | N | 7 | NE | 9 | NE | 10 | ENE | 9 | NE | 10 | 8.0 |
| Среднее Mittel | | **9.6** | | **9.6** | | 9.4 | | 9.4 | | 9.2 | | 9.5 | | 9.2 | | 9.0 | | 9.1 | | 8.7 | | 8.2 | | **8.1** | 8.9 |

## Августъ 1883. / August 1883.

| Число. Datum. | 1 Направ. Richt. | 1 Скор. Geschw. | 2 Направ. Richt. | 2 Скор. Geschw. | 3 Направ. Richt. | 3 Скор. Geschw. | 4 Направ. Richt. | 4 Скор. Geschw. | 5 Направ. Richt. | 5 Скор. Geschw. | 6 Направ. Richt. | 6 Скор. Geschw. | 7 Направ. Richt. | 7 Скор. Geschw. | 8 Направ. Richt. | 8 Скор. Geschw. | 9 Направ. Richt. | 9 Скор. Geschw. | 10 Направ. Richt. | 10 Скор. Geschw. | 11 Направ. Richt. | 11 Скор. Geschw. | Полдень. Mittag. Направ. Richt. | Полдень. Mittag. Скор. Geschw. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NE | 9 | NE | 10 | NE | 10 | NE | 10 | NE | 10 | NE | 10 | NE | 9 | NE | 9 | NE | 8 | NNE | 8 | NNE | 8 | N | 8 |
| 2 | N | 8 | NNE | 8 | N | 7 | NNE | 7 | NNE | 7 | NE | 7 | NE | 7 | NE | 7 | NNE | 7 | NNE | 7 | NNE | 7 | NNE | 7 |
| 3 | NNE | 6 | N | 4 | N | 4 | N | 4 | N | 4 | N | 5 | NE | 5 | NE | 5 | NE | 5 | NE | 4 | ENE | 4 | ESE | 4 |
| 4 | E | 6 | E | 5 | ESE | 5 | ESE | 6 | ESE | 7 | SE | 5 | ESE | 6 | E | 9 | E | 9 | ESE | 9 | ESE | 10 | SE | 11 |
| 5 | E | 10 | ESE | 9 | E | 11 | E | 11 | E | 13 | E | 13 | E | 14 | E | 12 | ESE | 14 | ESE | 14 | ESE | 15 | ESE | 15 |
| 6 | E | 8 | E | 7 | E | 8 | E | 9 | E | 11 | E | 9 | E | 11 | E | 12 | E | 14 | E | 11 | E | 12 | E | 12 |
| 7 | ENE | 10 | ENE | 10 | ENE | 10 | ENE | 10 | ENE | 10 | ENE | 9 | ENE | 10 | ENE | 9 | ENE | 10 | ENE | 10 | ENE | 10 | ENE | 9 |
| 8 | ENE | 3 | ENE | 2 | ENE | 3 | ENE | 5 | NE | 4 | ENE | 4 | ENE | 4 | ENE | 5 | E | 6 | E | 7 | E | 8 | ESE | 7 |
| 9 | E | 6 | E | 7 | E | 6 | E | 6 | E | 7 | E | 7 | E | 6 | E | 7 | E | 7 | E | 7 | E | 7 | E | 7 |
| 10 | ESE | 5 | ESE | 5 | E | 5 | ENE | 5 | ENE | 5 | ENE | 4 | ENE | 6 | ENE | 5 | ENE | 6 | ENE | 6 | E | 6 | E | 6 |
| 11 | ENE | 6 | ENE | 5 | ENE | 5 | ENE | 6 | ENE | 7 | ENE | 6 | E | 7 | E | 7 | E | 7 | E | 7 | ENE | 7 | ENE | 7 |
| 12 | ESE | 6 | ESE | 8 | ESE | 8 | ESE | 7 | E | 7 | E | 8 | ESE | 8 | ESE | 9 | ESE | 8 | SE | 9 | SE | 9 | ESE | 9 |
| 13 | ESE | 13 | ESE | 12 | ESE | 11 | ESE | 13 | ESE | 12 | ESE | 12 | ESE | 13 | ESE | 12 | ESE | 12 | E | 13 | E | 13 | E | 13 |
| 14 | E | 10 | E | 10 | E | 9 | E | 9 | E | 9 | ESE | 6 | E | 7 | E | 8 | ESE | 8 | ESE | 8 | ESE | 7 | ESE | 7 |
| 15 | WNW | 7 | WNW | 6 | WNW | 7 | W | 6 | WNW | 7 | W | 7 | W | 6 | W | 3 | WNW | 4 | WNW | 4 | WNW | 5 | WSW | 6 |
| 16 | SW | 2 | SW | 1 | | 0 | SW | 1 | | 0 | SSE | 3 | SE | 4 | SSE | 3 | S | 2 | S | 2 | SSW | 1 | NW | 2 |
| 17 | E | 9 | E | 8 | E | 10 | ESE | 9 | SE | 6 | SW | 6 | W | 12 | WSW | 10 | WSW | 12 | WSW | 14 | WSW | 13 | WSW | 13 |
| 18 | NW | 6 | NNW | 5 | NNW | 6 | NNW | 6 | NNW | 7 | NNW | 8 | NNW | 9 | NNW | 9 | NNW | 8 | NNW | 9 | NNW | 9 | NNW | 11 |
| 19 | WNW | 9 | WNW | 9 | WNW | 9 | WNW | 9 | WNW | 8 | WNW | 8 | WNW | 8 | WNW | 9 | WNW | 8 | WNW | 9 | WNW | 9 | NW | 7 |
| 20 | W | 5 | W | 5 | W | 4 | W | 5 | WSW | 6 | W | 6 | WSW | 7 | WSW | 8 | WSW | 8 | WSW | 7 | SW | 7 | SW | 7 |
| 21 | SSE | 5 | S | 5 | SSW | 3 | SW | 2 | SW | 2 | SW | 3 | SW | 2 | SSE | 2 | ESE | 2 | W | 2 | SE | 8 | SE | 7 |
| 22 | ENE | 12 | E | 13 | E | 14 | ENE | 13 | ENE | 14 | ENE | 13 | ENE | 12 | E | 9 | ENE | 8 | E | 5 | E | 4 | E | 2 |
| 23 | SW | 7 | SW | 7 | SW | 7 | SW | 7 | SW | 8 | SW | 8 | SW | 8 | SW | 7 | SW | 7 | WSW | 9 | WSW | 9 | WSW | 8 |
| 24 | WSW | 6 | SW | 6 | WSW | 8 | WSW | 9 | WSW | 8 | WSW | 9 | SW | 9 | WSW | 6 | WSW | 6 | W | 6 | WSW | 7 | W | 7 |
| 25 | WNW | 6 | WNW | 5 | W | 4 | W | 3 | W | 5 | W | 6 | W | 7 | W | 7 | W | 6 | W | 6 | WSW | 5 | WSW | 5 |
| 26 | NW | 7 | NW | 6 | WNW | 7 | WNW | 6 | W | 8 | W | 6 | NW | 8 | NW | 7 | NW | 6 | NNW | 5 | NW | 5 | NNW | 4 |
| 27 | W | 3 | W | 3 | W | 4 | W | 4 | WNW | 4 | WNW | 4 | WNW | 3 | WNW | 4 | WNW | 4 | WNW | 3 | WNW | 2 | NW | 3 |
| 28 | S | 3 | SSW | 2 | SW | 2 | SW | 1 | SW | 1 | W | 2 | NW | 2 | S | 2 | S | 3 | SSE | 3 | S | 3 | S | 3 |
| 29 | S | 4 | S | 3 | S | 4 | S | 3 | SSW | 4 | SSW | 4 | SSW | 5 | SSW | 5 | S | 5 | SSE | 4 | S | 2 | S | 4 |
| 30 | S | 5 | SSE | 4 | SSE | 4 | SE | 5 | SE | 7 | SE | 11 | SE | 8 | SE | 8 | SSE | 7 | SE | 6 | SE | 5 | SE | 3 |
| 31 | SSE | 3 | SSE | 3 | S | 2 | S | 2 | SSE | 4 | SE | 4 | SSE | 4 | W | 3 | W | 3 | SE | 4 | S | 6 | SE | 3 |
| Среднее Mittel | | 6.6 | | 6.2 | | 6.4 | | 6.4 | | 6.8 | | 6.9 | | 7.3 | | 7.0 | | 7.1 | | 7.0 | | 7.2 | | 7.0 |

| Число. Datum. | 1 Направ. Richt. | 1 Скор. Geschw. | 2 Направ. Richt. | 2 Скор. Geschw. | 3 Направ. Richt. | 3 Скор. Geschw. | 4 Направ. Richt. | 4 Скор. Geschw. | 5 Направ. Richt. | 5 Скор. Geschw. | 6 Направ. Richt. | 6 Скор. Geschw. | 7 Направ. Richt. | 7 Скор. Geschw. | 8 Направ. Richt. | 8 Скор. Geschw. | 9 Направ. Richt. | 9 Скор. Geschw. | 10 Направ. Richt. | 10 Скор. Geschw. | 11 Направ. Richt. | 11 Скор. Geschw. | 12 Направ. Richt. | 12 Скор. Geschw. | Суточ. средн. Tagesmittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N | 9 | NNE | 9 | NNE | 8 | NNE | 9 | NNE | 8 | NNE | 8 | N | 7 | NE | 8 | NNE | 6 | NNE | 7 | N | 7 | NNE | 7 | 8.4 |
| 2 | NNE | 6 | NNE | 7 | NNE | 6 | NE | 7 | NE | 6 | NE | 6 | NNE | 6 | NE | 5 | ENE | 6 | NE | 6 | NE | 5 | NNE | 5 | 6.5 |
| 3 | ENE | 6 | E | 5 | E | 6 | E | 7 | E | 7 | E | 6 | E | 6 | E | 6 | E | 6 | ESE | 6 | ESE | 6 | ESE | 6 | 5.3 |
| 4 | SE | 8 | SE | 10 | ESE | 12 | ESE | 11 | ESE | 9 | ESE | 11 | ESE | 12 | SE | 11 | ESE | 11 | ESE | 11 | ESE | 10 | ESE | 11 | 9.0 |
| 5 | ESE | **16** | ESE | 15 | ESE | 15 | ESE | 15 | ESE | 15 | ESE | 14 | E | 14 | E | 13 | E | 12 | E | 11 | E | 10 | E | 9 | **12.9** |
| 6 | E | 12 | E | 13 | E | 13 | E | 13 | ENE | 12 | ENE | 11 | E | 12 | E | 12 | ENE | 11 | ENE | 12 | E | 10 | ENE | 10 | 11.0 |
| 7 | ENE | 8 | NE | 7 | NE | 7 | NE | 7 | NE | 8 | ENE | 7 | ENE | 7 | ENE | 7 | ENE | 5 | ENE | 4 | ENE | 4 | ENE | 4 | 8.0 |
| 8 | ENE | 8 | ENE | 8 | ENE | 7 | ENE | 7 | ENE | 6 | ENE | 6 | ENE | 7 | ENE | 8 | ENE | 8 | ENE | 6 | E | 7 | E | 5 | 5.9 |
| 9 | E | 7 | E | 7 | E | 7 | E | 7 | E | 7 | E | 7 | E | 6 | E | 7 | E | 7 | E | 6 | E | 6 | ESE | 5 | 6.8 |
| 10 | E | 6 | E | 7 | E | 7 | ENE | 8 | ENE | 7 | E | 7 | ENE | 6 | ENE | 6 | ENE | 8 | E | 7 | E | 5 | ENE | 5 | 6.0 |
| 11 | ENE | 7 | ENE | 8 | ENE | 8 | E | 8 | ENE | 7 | ENE | 8 | ENE | 8 | ENE | 8 | ESE | 8 | E | 8 | E | 7 | E | 7 | 7.0 |
| 12 | ESE | 12 | ESE | 12 | ESE | 11 | ESE | 11 | ESE | 12 | ESE | 11 | ESE | 10 | ESE | 10 | ESE | 12 | ESE | 11 | ESE | 13 | ESE | 14 | 9.8 |
| 13 | ESE | 14 | ESE | 13 | ESE | 12 | ESE | 12 | ESE | 15 | ESE | 12 | ESE | 12 | ESE | 12 | ESE | 12 | ESE | 11 | ESE | 11 | ESE | 10 | 12.3 |
| 14 | ESE | 6 | ESE | 5 | ESE | 5 | ESE | 4 | ESE | 4 | ESE | 4 | ESE | 5 | ESE | 4 | SE | 5 | SSE | 3 | WNW | 6 | WNW | 7 | 6.5 |
| 15 | WSW | 5 | WSW | 4 | W | 6 | NNW | 3 | N | 6 | N | 3 | N | 2 | N | 2 | W | 1 | | 0 | SW | 2 | SW | 2 | 4.3 |
| 16 | S | 2 | E | 1 | SSW | 4 | S | 1 | S | 3 | SE | 3 | SE | 5 | E | 4 | ESE | 6 | ESE | 7 | ESE | 8 | E | 6 | 3.0 |
| 17 | WSW | 8 | NW | 9 | NNW | 15 | NW | 15 | NW | 12 | NNW | 12 | NW | 9 | NW | 10 | NW | 9 | NW | 8 | NW | 6 | NW | 7 | 10.1 |
| 18 | NW | 11 | NW | 11 | NW | 12 | NW | 11 | NW | 11 | NW | 12 | NW | 10 | NW | 10 | NW | 9 | NW | 9 | NW | 11 | NW | 10 | 9.2 |
| 19 | NW | 7 | WNW | 7 | WNW | 8 | NW | 8 | W | 8 | W | 8 | WNW | 7 | WNW | 6 | WNW | 7 | W | 7 | W | 6 | W | 6 | 7.8 |
| 20 | SW | 7 | SSW | 7 | S | 7 | S | 7 | S | 7 | S | 7 | SSW | 7 | SSW | 3 | SW | 3 | S | 4 | SSW | 6 | S | 4 | 6.0 |
| 21 | SE | 8 | E | 12 | E | 12 | E | 12 | E | 10 | E | 10 | E | 13 | E | 12 | E | 11 | E | 10 | E | 12 | E | 13 | 7.4 |
| 22 | SW | 6 | SW | 8 | SW | 7 | WSW | 6 | SW | 6 | SW | 8 | SW | 7 | SW | 7 | SW | 6 | SW | 6 | SW | 6 | SW | 7 | 8.3 |
| 23 | WSW | 8 | W | 8 | WSW | 8 | W | 8 | WSW | 8 | W | 9 | W | 8 | W | 7 | WSW | 7 | WSW | 7 | W | 6 | WSW | 6 | 7.6 |
| 24 | W | 7 | W | 8 | W | 8 | W | 8 | W | 7 | W | 7 | W | 7 | W | 7 | WSW | 5 | WSW | 6 | W | 5 | WSW | 7 | 7.0 |
| 25 | W | 6 | W | 5 | NW | 5 | NW | 6 | NW | 5 | WNW | 6 | NW | 6 | NW | 5 | W | 5 | W | 5 | W | 5 | W | 7 | 5.5 |
| 26 | NW | 5 | NW | 6 | NW | 6 | NW | 6 | NW | 6 | WNW | 3 | WNW | 6 | WNW | 5 | WNW | 4 | W | 3 | W | 3 | W | 4 | 5.5 |
| 27 | N | 3 | NW | 3 | WNW | 2 | NW | 2 | NW | 2 | NNW | 3 | NNW | 1 | | 0 | SSW | 3 | S | 2 | SSW | 2 | SSW | 3 | **2.8** |
| 28 | SE | 3 | S | 3 | SW | 3 | SW | 2 | SSW | 2 | S | 3 | SSE | 3 | SSE | 4 | SE | 4 | SSE | 4 | SSE | 4 | S | 4 | **2.8** |
| 29 | SW | 5 | SW | 4 | SSW | 4 | SSW | 4 | S | 6 | SSE | 5 | SSE | 6 | SSE | 6 | SSE | 7 | SSE | 7 | SSE | 7 | SSE | 4 | 4.7 |
| 30 | SSW | 1 | WSW | 2 | W | 1 | S | 2 | E | 3 | SE | 2 | SSE | 3 | SSE | 4 | SE | 4 | SE | 3 | S | 3 | SSE | 3 | 4.3 |
| 31 | SW | 4 | ESE | 4 | SE | 6 | SSE | 2 | ESE | 10 | ESE | 11 | ESE | 10 | ESE | 9 | ESE | 8 | ESE | 8 | ESE | 8 | ESE | 7 | 5.3 |
| Среднее Mittel | | 7.1 | | 7.4 | | **7.7** | | 7.4 | | 7.6 | | 7.4 | | 7.4 | | 7.0 | | 7.0 | | 6.6 | | 6.7 | | 6.6 | 7.0 |

M

# САГАСТЫРЪ.

## ОБЛАЧНОСТЬ И ФОРМА ОБЛАКОВЪ, ОСАДКИ И ПРОЧ.

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# SSAGASTYR.

## MENGE UND FORM DER WOLKEN, NIEDERSCHLÄGE U. S. W.

## Облачность и форма облаковъ, осадки и прч.

**Сентябрь 1882.** Среднее мѣстное время.



## Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit. **September 1882.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlag-menge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 N — | 10 N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu ●° | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N, Cu — | 0.2 |
| 2 | 10 N ● | 10 N ● | 10 N ● | 10 N, S — | 10 CuS, CCu — | 9 N, CuS — | 10 N ≡° | 10 N ≡° | 9 CS, C, S — | 1 C, Cu, S — | 3 Cu, CS — | 1 C, Cu — | 0.8 |
| 3 | 8 C, S — | 8 Cu, S — | 10 N, S, Cu — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N ≡ | 10 N ≡ | 9 Cu, S — | 9 Cu, S — | 10 Cu — | 10 Cu ≡° | — |
| 4 | 5 Cu, S — | 3 S, N, C — | 3 S, N — | 4 S, N ⊏ | 2 C, S ⊏ | 8 C, S, Cu — | 10 N ●° | 10 N ● | 10 Cu, N ● | 10 Cu, N ● | 10 Cu, N — | 10 N, Cu ●° | 0.7 |
| 5 | 10 N — | 10 N ●° | 10 N, S — | 10 N, S — | 10 N ●° | 10 N ● | 10 N ● | 10 N ● | 10 N ● | 10 N ● | 10 N ●° | 10 N ● | 0.5 |
| 6 | 10 N, Cu, S — | 10 N, S — | 10 N ●° | 10 N ● | 10 N, S — | 10 N, S, Cu — | 10 N, S — | 10 N, S ●° | 10 N, S — | 10 N, Cu ●° | 10 N, Cu — | 10 N, Cu — | 0.6 |
| 7 | 9 Cu — | 10 Cu, N ●° | 10 Cu, N — | 8 Cu — | 10 Cu, S — | 10 Cu, S — | 10 N ⊀ | 10 N ⊀° | 10 N ⊀° | 10 N — | 10 N ●° | 10 N ●° | 1.0 |
| 8 | 6 N, Cu, S — | 5 N, Cu — | 10 N — | 10 N — | 10 N, Cu, S ●°⊀° | 8 N, Cu — | 9 N, Cu — | 9 Cu, N — | 9 Cu, N — | 7 C, Cu — | 10 C, Cu — | 10 Cu, C, N — | 0.1 |
| 9 | 10 N — | 10 N — | 10 N, Cu ⊀° | 10 N — | 10 N, S, Cu — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N — | — |
| 10 | 8 C, S — | 6 S, Cu — | 10 Cu — | 10 N — | 10 N, Cu — | 10 Cu, S — | 10 Cu, S — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu ⊀° | 10 Cu, N — | 10 Cu, N — | — |
| 11 | 10 N, Cu, S — | 10 Cu, S, N — | 10 N — | 10 N, Cu — | 10 N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 12 | 1 Cu — | 1 Cu — | 10 N, Cu — | 10 N, S — | 10 N, S ⊃ | 10 Cu, N — | 10 N, S — | 10 N — | 10 N — | 10 N — | 10 Cu, N — | 10 Cu, N — | — |
| 13 | 10 Cu, N — | 10 Cu, N — | 3 N, S, C — | 5 S, Cu — | 6 Cu, S — | 8 S, Cu — | 10 Cu, S — | 10 Cu, S — | 9 Cu, S, CS — | 10 Cu, S — | 7 C, Cu — | 8 C, CS, Cu — | 0.1 |
| 14 | 3 S, N ⊀ | 3 S, N ⊀ | 10 Cu, N, S — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ●° | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 9 N, Cu ⊀° | 1.8 |
| 15 | 10 N ●°⊀° | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ⊀° | 10 N ⊀ | 10 N — | 10 Cu, N — | 10 N, Cu — | 10 N ⊀ | 10 N ● | 1.0 |
| 16 | 10 N — | 10 N ●° | 10 N ●° | 10 N — | 10 N — | 10 N, Cu ●° | 10 N, Cu — | 10 N — | 10 N — | 10 N ≡° | 10 N ≡° | 10 N ≡° | 4.0 |
| 17 | 10 N — | 10 N ⊀° | 10 N ⊀° | 10 N, Cu ●° | 10 N — | 10 N — | 10 N — | 10 N ⊀° | 10 N ●° | 10 N ≡° | 10 N — | 10 N, Cu — | 0.6 |
| 18 | 9 Cu — | 10 Cu — | 10 N ⊀° | 10 Cu, N — | 10 N ●° | 10 Cu, S — | 10 Cu, S — | 9 Cu — | 9 Cu, S — | 9 Cu, S — | 9 Cu — | 8 Cu, N — | — |
| 19 | 6 N, Cu ⊀ | 10 N, Cu ⊀ | 4 Cu, N — | 7 N, Cu — | 10 Cu, N — | 10 N — | 9 Cu, N — | 4 Cu — | 9 Cu — | 6 Cu — | 2 Cu — | 9 Cu — | — |
| 20 | 10 N, Cu — | 9 N ⊀° | 10 N — | 9 N, S — | 10 N, S — | 9 C, N — | 10 C, CS, N — | 10 C, CS, N — | 10 CS, S, N — | 10 CS, S, Cu — | 7 Cu, CCu — | 8 Cu, CCu — | — |
| 21 | 10 N ⊀ | 10 N — | 10 N — | 10 Cu, N ⊃ | 10 N, Cu — | 10 N, S — | 10 N ⊀° | 4 C, Cu — | 9 Cu, C, N — | 9 N, Cu, C — | 10 N, Cu ⊀ | 8 N, Cu, C — | 0.7 |
| 22 | 1 S ⊀ | 1 S ⊀ | 3 S, C ⊃ | 5 S, C ⊃ | 9 S, CS — | 10 S, N, Cu — | 9 Cu, S — | 5 Cu, S — | 1 S — | 2 Cu, S — | 9 Cu — | 10 Cu — | — |
| 23 | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 N ⊀ | 9 N, C, CS — | 8 C, CS, N — | 10 N — | 10 N — | 8 Cu, C — | 8 Cu, N — | — |
| 24 | 10 N — | 9 N — | 9 Cu, N — | 10 Cu, N — | 10 N, S — | 10 Cu, S — | 7 Cu, S, C — | 3 C, S — | 7 Cu, S — | 10 N ⊀° | 10 N, Cu ⊀° | 10 Cu, N — | — |
| 25 | 10 N ⊀° | 9 N ⊀° | 10 N, S — | 10 N — | 10 N — | 10 N ⊀ | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | — |
| 26 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ⊀ | 8 Cu, C — | 10 Cu, N — | 10 N — | 10 N, Cu — | 10 N, Cu — | — |
| 27 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 9 Cu, N, C — | 10 Cu, N — | 0.2 |
| 28 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 3 Cu, S — | 7 Cu, N — | 5 N, Cu, C — | 3 N, Cu — | 3 Cu, S — | 1 Cu — | 1 C, Cu — | 3 C, Cu — | 1 Cu — | — |
| 29 | 10 N, Cu — | 9 Cu, N — | 6 Cu — | 10 Cu, S — | 10 N — | 10 N, Cu — | 10 Cu — | 9 Cu — | 8 Cu — | 10 Cu — | 10 N, Cu ⊀ | 9 Cu — | — |
| 30 | 1 S — | 1 S — | 1 S — | 1 S, C — | 1 S — | 2 S — | 8 Cu, S — | 10 Cu, S — | 10 N — | 10 N — | 10 Cu — | 10 Cu — | — |
| Среднее Mittel | 8.1 | 8,1 | 8.6 | 8,7 | 9.2 | 9.3 | 9.5 | 8.8 | 9.0 | 8,8 | 8.9 | 9.0 | 13.3 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 8 N, Cu — | 10 N ●° | 10 N ●° | 10 N ● | 10 N ●° | 10 N — | 10 N — | 10.0 |
| 2 | 2 Cu, S — | 4 Cu, C, S — | 3 Cu, C — | 2 Cu, C, S — | 5 C, CS, Cu, S — | 8 S, CS — | 5 S — | 8 S — | 8 S ● | 9 N, S — | 7 S — | 8 Cu, S — | 6.8 |
| 3 | 10 N, S — | 10 N ●° | 10 N, Cu ●° | 10 N, Cu ●° | 10 N — | 10 N, S — | 10 N, S, Cu — | 9 S, N — | 9 S, N, Cu — | 10 N, S, Cu — | 10 N, Cu — | 10 Cu, N — | 9.5 |
| 4 | 10 Cu, N ● | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu, S ●° | 10 N, S ●° | 10 N, S ●° | 10 N, S ●° | 10 N, S ●° | 10 N ●° | 10 N ●° | 10 N — | 8.5 |
| 5 | 10 N ● | 10 N — | 10 N — | 10 S, N, Cu — | 10 N, S, Cu ●° | 9 N, S, Cu — | 10 N, S — | 10 N, Cu — | 10 N, Cu — | 8 N, S, Cu — | 9 Cu — | 9 N, Cu — | 9.8 |
| 6 | 10 N, Cu ●° | 10 N ● | 10 N ●° | 10 N ●° | 10 N, Cu, S — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu, S — | 4 Cu, N, S — | 7 Cu, S, N — | 9 Cu, S, N — | 9 Cu, S, N — | 9.5 |
| 7 | 10 Cu, N — | 10 Cu, N — | 10 N ●° | 10 N, Cu ●°⊀° | 7 Cu, N — | 8 Cu, N — | 10 N, Cu ●° | 10 N, Cu — | 10 Cu, S — | 10 N ●° | 10 N ●° | 10 N ● | 9.7 |
| 8 | 8 N, C, Cu — | 9 N, Cu, C — | 8 Cu, N, C — | 9 Cu, N ⊀° | 5 Cu, C, N — | 10 N — | 10 N, Cu — | 10 N, S — | 10 N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 8.9 |
| 9 | 10 N, S — | 10 Cu, S — | 10 CS, S, Cu — | 10 S, CS, Cu — | 10 S, Cu — | 10 N, Cu — | 9 N, C,CS,Cu — | 10 N ●° | 10 N ●° | 9 N, Cu, S — | 9 Cu, N, S ⊀ | 5 N, S ⊀ | 9.6 |
| 10 | 10 Cu, N — | 10 N ●° | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 Cu, S — | 9 Cu, S — | 10 Cu, S — | 9.7 |
| 11 | 5 Cu, N, C — | 9 N, Cu, S — | 9 Cu, N, CS — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ●° | 10 N, Cu ●° | 5 Cu — | 2 Cu — | 1 Cu — | 1 Cu — | 8.4 |
| 12 | 10 N, Cu — | 10 N — | 10 N, Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N, S — | 9 Cu, S — | 10 Cu, S — | 10 Cu, S — | 10 Cu, N, S — | 10 N — | 9.2 |
| 13 | 7 C, CS — | 6 C, Cu, CS — | 10 Cu, N — | 10 N, S ● | 9 Cu, S, N — | 9 S, Cu, C, N — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N ●° | 10 N ●° | 4 N — | 8.3 |
| 14 | 10 N, Cu — | 10 N, Cu — | 10 Cu, N ●° | 10 Cu, N — | 9 Cu — | 8 Cu, C — | 7 N, Cu, S — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N ●° | 9.1 |
| 15 | 10 N ⊀° | 10 N ●° | 10 N ●° | 10 N ⊀° | 10 N ⊀ | 10 N ⊀ | 10 N — | 10 N — | 10 N ⊀° | 10 N ⊀° | 10 N ⊀° | 10 N ⊀° | 10.0 |
| 16 | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N ●° | 10 N, Cu ●° | 10 N — | 10 N — | 10 N — | 10 N — | 10.0 |
| 17 | 10 N, Cu — | 10 N, Cu ●° | 10 N, Cu, C ●° | 10 N, Cu, S — | 10 Cu, S — | 10 N, Cu, S ●° | 10 N, Cu, S — | 6 Cu, S — | 6 Cu, S — | 6 Cu, S — | 7 Cu, S — | 9 Cu, S — | 9.4 |
| 18 | 10 N, Cu — | 8 Cu, N — | 10 N ⊀ | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 N, Cu — | 9 N, Cu — | 8 Cu, S — | 10 N, Cu — | 10 N — | 9 N — | 9.5 |
| 19 | 10 Cu, N — | 10 N, Cu ⊀ | 8 Cu, N — | 8 Cu, N — | 10 Cu, N — | 10 Cu, N — | 9 Cu — | 7 Cu, S — | 7 Cu, S — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 8.1 |
| 20 | 10 Cu, S, CS — | 10 N, S — | 10 N, S — | 10 N, S ●° | 10 N, Cu, S — | 10 N, S — | 10 N ⊀ | 10 N ⊀ | 10 N ⊀ | 10 N ⊀ | 10 N ⊀ | 10 N ⊀ | 9.7 |
| 21 | 9 N, Cu ⊀° | 10 Cu, N ⊀° | 10 N, Cu — | 10 N, Cu — | 7 N, Cu, C ⊀° | 4 N, Cu — | 10 N, S — | 10 N, Cu — | 10 N ⊀° | 3 S — | 2 S — | 2 Cu ⊀ | 8.2 |
| 22 | 9 Cu — | 10 Cu — | 10 Cu, N — | 10 N — | 10 N, Cu — | 10 N — | 10 N ⊀° | 7 N, Cu — | 10 N — | 10 N — | 10 N ⊀ | 10 N ⊀ | 7.5 |
| 23 | 7 Cu — | 4 Cu — | 5 C, Cu — | 6 Cu — | 10 Cu, S — | 10 N, Cu — | 10 N — | 10 Cu, N ⊀° | 9 Cu, N — | 10 Cu, N — | 9 Cu, N ⊀ | 10 Cu, N ⊀ | 8.9 |
| 24 | 10 Cu, N ⊀ | 10 Cu, N ⊀° | 10 Cu, N — | 10 Cu — | 9 Cu, CS — | 9 N, S — | 10 N — | 10 N — | 10 N, S — | 10 N — | 10 N — | 10 N — | 9.3 |
| 25 | 10 N, S — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10.0 |
| 26 | 2 C, S — | 10 Cu, C — | 10 N, S — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ⊀ | 10 N — | 10 N — | 10 N — | 9.6 |
| 27 | 9 Cu, N — | 10 Cu, N — | 10 Cu, N ⊀ | 10 N —²⊀ | 10 N — | 10 N ⊀ | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 9.9 |
| 28 | 10 N — | 10 N — | 10 N, S — | 10 Cu, N — | 10 Cu, N — | 10 N ⊀° | 10 N — | 2 Cu — | 3 C, Cu — | 8 C, Cu — | 9 C, Cu — | 10 N — | 6.6 |
| 29 | 10 Cu, N — | 9 Cu, N ⊀ | 9 Cu, N, C — | 7 Cu, S, C — | 8 Cu, N, C — | 5 S, Cu — | 8 Cu, S — | 3 S, Cu — | 6 Cu, S — | 3 C, Cu — | 8 CS, Cu — | 9 N, C — | 8.0 |
| 30 | 6 Cu, S — | 9 N, S — | 10 Cu, S — | 8 S, Cu, N — | 10 N, S — | 9 Cu, S — | 9 Cu — | 9 Cu, S — | 9 Cu, N — | 10 Cu — | 9 Cu — | 5 C, Cu ⊀ | 7.1 |
| Среднее. Mittel. | 8.8 | 9.3 | 9.4 | 9,4 | 9.3 | 9.3 | 9.4 | 9.0 | 8.8 | 8.8 | 8 9 | 8.7 | 9.0 |

Сумма явленій / Summe der Erscheinungen } 5 ⊃, 3 ⊔, 2 ≤, 7 ≡, 81 ●, 72 ⊀, 12 ⊀.

# Облачность и форма облаковъ, осадки и прч.

**Октябрь 1882.**

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 4 C, Cu — | 5 Cu, CS ⌭ | 5 CS — | 7 CS — | 6 CS — | 5 CS — |
| 2 | 10 N ✳° | 10 N ✳° | 10 N ✳ | 10 N ✳° | 10 N — | 10 N — |
| 3 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — |
| 4 | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N — |
| 5 | 10 N — | 10 N ✳° | 10 N — | 10 N — | 10 N — | 10 N — |
| 6 | 9 N ✳° ⌭ | 10 N ⌭ | 10 N — | 10 N — | 10 N — | 10 N — |
| 7 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — |
| 8 | 0 ⌭ | 1 S ⌭ | 1 S — | 1 S — | 9 S, C — | 3 S — |
| 9 | 9 N, Cu ✳° ⌭ | 10 Cu, N — | 4 Cu — | 1 S — | 5 Cu, S — | 9 Cu, S — |
| 10 | 10 N — | 2 S ⌭ | 10 S, N — | 10 N, S — | 9 S, N — | 9 Cu — |
| 11 | 3 S ⌭ | 4 S ⌭ | 5 S ⌭ | 10 N, Cu ⌭ | 10 N — | 10 Cu, N — |
| 12 | 4 N ✳° ⌭ | 4 N ✳° ⌭ | 9 N ✳° ⌭ | 7 N ✳° ⌭ | 10 N ✳° | 10 N — |
| 13 | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N — ✳° | 10 N — |
| 14 | 0 ⌭ | 1 S ⌭ | 3 S, N — | 10 N ✳° | 10 N — ✳° | 10 N — ✳° |
| 15 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — ✳ | 10 N — ✳ |
| 16 | 10 N ✳ | 10 N ✳ ⌭ | 10 N ✳ | 10 N ✳ | 10 N ✳ | 10 N — |
| 17 | 10 N ✳ | 10 N — | 10 N — | 10 N — | 10 N, S — | 10 N, S — |
| 18 | 4 N ✳ ⌭ | 9 N ✳ ⌭ | 0 ⌭ | 0 ⌭ | 2 S ⌭ | 1 S — |
| 19 | 2 S — | 8 S — | 10 N, S — | 10 N, S — | 5 S — | 8 S, C — |
| 20 | 6 S, N ⌭ | 6 N, S — | 9 N, S — | 10 N — | 10 N — | 9 S, Cu — |
| 21 | 0 ⌭ | 0 ⌭ | 0 ⌭ | 0 — | 0 — | 1 S — |
| 22 | 0 ⌭ | 0 ⌭ | 0 ⌭ | 0 — | 1 S — | 1 S — |
| 23 | 0 ⌭ | 0 ⌭ | 0 ⌭ | 0 ⌭ | 1 S — | 1 S — |
| 24 | 0 ⌭ | 1 S ⌭ | 10 N — | 10 N — | 10 N — | 10 N — |
| 25 | 10 Cu — | 10 N — | 10 N — | 10 N — | 9 N — | 9 Cu, S — |
| 26 | 10 N — | 10 N — | 10 N ✳° | 8 N, S — | 8 N, S — | 7 N, S ⊍ |
| 27 | 0 — | 0 — | 0 — | 0 — | 0 ✢ | 1 S ✢ |
| 28 | 0 ⌭ | 0 ⌭ | 0 — | 0 — | 0 — | 0 — |
| 29 | 7 Cu ⌭ | 2 Cu, S — | 5 Cu, S — | 9 Cu — | 6 C, S ⌭ | 3 S ⌭ ✢ |
| 30 | 9 CS, N ⌭ ⊍ ✢ | 7 CS, N ⌭ ⊍ ✢ | 3 CS ⊍ ✢ | 5 CS ⊍ ✢ | 9 N, Cu ✢ | 8 N, Cu ✢ |
| 31 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| Среднее. Mittel. | 6.0 | 6.1 | 6.6 | 7.0 | 7.4 | 7.3 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 9 CCu, S — | 7 C, Cu — | 9 C, Cu, S — | 10 Cu, S — | 10 Cu, S — | 10 N, Cu — |
| 2 | 10 Cu, N ✳° | 10 Cu, N — | 9 Cu, N — | 9 Cu, N — | 9 Cu, N, S — | 9 Cu, S, N — |
| 3 | 9 Cu — | 9 Cu — | 10 N, Cu — | 9 Cu, S — | 2 C, Cu — | 7 Cu, S — |
| 4 | 6 C, Cu ⊕ | 6 C, Cu — | 8 Cu, S — | 10 Cu — | 9 Cu — | 10 Cu, S — |
| 5 | 10 N, S — | 10 Cu, S — | 10 Cu, S — | 10 Cu, S — | 10 N, S — | 10 N — |
| 6 | 10 Cu, N — | 10 Cu, N ≡° | 10 Cu, N — | 10 Cu, N ≡° | 10 Cu, N ≡°V | 10 Cu, N ≡°V |
| 7 | 1 Cu, C — | 2 Cu — | 8 Cu — | 1 Cu — | 9 Cu — | 2 Cu — |
| 8 | 5 Cu — | 9 Cu, N — | 9 Cu, S — | 7 Cu, C ⌊·⌋ | 9 Cu, S — | 10 N, Cu — |
| 9 | 9 Cu — | 9 Cu — | 3 Cu, N — | 2 Cu, N ⌊·⌋ | 2 Cu — | 1 Cu, S — |
| 10 | 10 N, Cu — | 10 N ✳✢ | 10 N ✳✢ | 10 N ✳✢ | 10 N ✳✢ | 10 N ✢ |
| 11 | 10 Cu, S — | 10 Cu, S — | 10 N, Cu — | 10 N, Cu, S ✢ | 10 N ✢ | 10 N ✢ |
| 12 | 10 N ✳ | 10 N ✳ | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✢ |
| 13 | 9 N, Cu ✳° | 10 N ✳° | 10 Cu, S — | 10 N, Cu, S — | 10 N, Cu ✳° | 10 N — |
| 14 | 10 CuS — | 10 N ✳° | 10 N — | 10 N — | 10 N — | 10 N — |
| 15 | 10 N — | 10 N — | 10 N — | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 16 | 10 N ✢ | 10 N ✢ | 10 N, C — | 9 N, C — | 10 N — | 10 N, S — |
| 17 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 18 | 8 CS — | 9 CS — | 9 CS — | 8 CS — | 9 C, S, Cu ✢ | 9 Cu, S, C ✢ |
| 19 | 5 S, C, CS — | 3 C, CS, S — | 9 C, S — | 7 C, CS, S — | 5 S — | 1 S — |
| 20 | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 Cu, N — | 10 N, S, Cu — |
| 21 | 10 N, Cu — | 10 N, Cu — | 10 N ✳° | 10 N — | 10 N — | 10 N — |
| 22 | 1 Cu, S — | 2 Cu, S — | 2 S — | 1 S — | 1 S — | 1 S ⊍ |
| 23 | 0 ⌊·⌋ | 0 ⌊·⌋ | 1 S — | 0 — | 0 — | 0 — |
| 24 | 10 N, S — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, S ⊍ |
| 25 | 10 Cu — | 9 C, S — | 6 C, S — | 10 N, S — | 10 N, S — | 9 Cu — |
| 26 | 2 CS ≡°⌊·⌋ | 10 N ≡ | 10 N ≡✢ | 7 N, ≡✢ | 9 N ≡✢ | 9 N ≡✢ |
| 27 | 0 — | 1 S — | 1 S — | 2 Cu, S — | 9 Cu, S — | 1 S — |
| 28 | 2 CS — | 2 CS — | 2 S — | 1 S — | 1 S — | 1 CS — |
| 29 | 8 Cu, S — | 9 Cu, S — | 7 Cu, S — | 7 Cu, S — | 4 S — | 8 Cu, S — |
| 30 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 31 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| Среднее. Mittel. | 7.5 | 8.0 | 8.2 | 7.7 | 8.0 | 7.7 |

Сумма явлений / Summe der Erscheinungen: 6 ⋁, 16 ≡, 92 ✳, 3 ⊕, 14 ⊍, 8 Ω, 89 ⌭, 121 ✢, 13 ⌊·⌋.





# Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit.

**October 1882.**

| 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|
| 2 CS — | 2 CS — | 4 CS — | 7 C, CS — | 8 C — | 6 C, S — | — |
| 10 S, N — | 10 N, CuS — | 10 Cu, N — | 7 N, Cu, S — | 10 N, Cu — | 10 N, Cu — | — |
| 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N, Cu — | — |
| 9 N, C, Cu — | 9 C, Cu — | 9 CCu — | 7 C, CS, Cu — | 7 C, Cu — | 5 CCu ⊕ | — |
| 10 N — | 10 N — | 10 N ≡⋁ | 10 N ≡°⋁ | 10 N ≡°⋁ | 10 N — | — |
| 10 N, S — | 10 N — | 10 N — | 10 Cu, N ≡⋁ | 10 Cu, N — | 10 Cu, N — | — |
| 10 N, Cu — | 10 N, Cu — | 5 Cu, N — | 7 Cu, N — | 10 Cu, N ✳° | 9 Cu — | — |
| 2 S — | 2 C, S — | 2 C, S — | 9 Cu, S — | 9 Cu — | 10 Cu — | — |
| 6 Cu, S — | 2 Cu, S ⌊·⌋ | 3 Cu, S ⌊·⌋ | 4 CuS ⌊·⌋ | 3 CuS ⌊·⌋ | 3 CuS ⌊·⌋ | — |
| 10 Cu — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 Cu — | 10 N, Cu — | — |
| 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu ✳ | — |
| 10 N ✳° | 10 N, — ✳° | 10 N — | 10 N — ✳° | 10 N — ✳° | 10 N — ✳° | 0.3 |
| 10 N — | 10 N ✳° | 10 N ✳° | 10 N, Cu — | 10 N, Cu — | 10 Cu, N — | 0.8 |
| 10 N — | 10 N ✳° | 10 N ✳° | 10 N — ✳° | 10 N — ✳° | 9 N, Cu, S — | 0.4 |
| 10 N — ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N — | — |
| 10 N — | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 0.8 |
| 6 N, Cu — | 8 CS — | 8 C, CCu, CS — | 10 N, S — | 10 N, S — | 10 N ✢ | 0.4 |
| 7 S, Cu — | 9 Cu, S — | 10 Cu, S — | 10 Cu, S — | 8 C, CS, S — | 9 C, CS, S — | — |
| 10 Cu, S — | 10 S, Cu — | 10 N, S, Cu — | 8 N, CuS — | 4 N, S, Cu, C — | 5 CuS — | — |
| 2 S — | 10 N, S — | 10 N, S ✳° | 10 N, S ✳° | 10 N — ✳° | 10 N — ✳° | — |
| 6 CS — | 7 CS — | 6 CS — | 4 CS — | 4 CS — | 7 S, C — | 0.1 |
| 2 S — | 1 S — | 1 S — | 1 C, S — | 2 C, S — | 2 C, S — | — |
| 1 S — | 1 S — | 1 CS — | 1 S — | 0 — | 0 ⌊·⌋ | — |
| 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | — |
| 9 S, N — | 9 S, Cu, N — | 8 CuS — | 10 CuS — | 9 S, Cu — | 8 CuS — | — |
| 2 S, N — ✢ | 10 N — ✢ | 10 N, Cu — ✢ | 1 S ⌊·⌋ | 7 N, Cu — | 2 CS ≡⌊·⌋ | — |
| 0 ✢ | 0 ✢ | 0 ✢ | 1 C, S ✢ | 0 ✢ | 0 ✢ | — |
| 0 — | 0 — | 1 Cu, S — | 9 C, CS, CuS — | 2 C, S — | 2 C, S — | — |
| 5 CuS — | 6 CuS — | 10 CuS — | 10 N — ✢ | 8 S, Cu, C — | 9 Cu, CS, S — | — |
| 9 N, Cu ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N, Cu ✢ | 10 N — | — |
| 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N — | 10 N — | 0.5 |
| 7.0 | 7.6 | 7.7 | 7.7 | 7.8 | 7.6 | 3.3 |

| 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|
| 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N ✳° | 7.3 |
| 10 CuS, N — | 10 N, S — | 8 Cu, S — | 10 N — | 10 N ✳° | 10 N, Cu — | 9.8 |
| 7 CuS — | 3 S — | 10 N — | 10 N — | 10 N, Cu — | 10 Cu, N — | 8.9 |
| 9 N, S — | 9 N, S — | 10 N ✳° | 10 N — | 10 N — | 10 N — | 8.9 |
| 10 N ✳° | 10 N — | 10 N — | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10.0 |
| 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10.0 |
| 8 N, Cu — | 10 N — | 4 N — | 3 N — | 0 ⌭ | 0 ⌭ | 6.6 |
| 9 N, Cu — | 9 N, Cu ✳ | 10 N ✳ | 8 N, Cu ✳° | 6 CuS — | 3 S, Cu ⌭ | 6.0 |
| 4 S — | 1 S — ⌭ | 1 S — ⌭ | 1 S — ⌭ | — ⌭ | 0 ⌭ | 3.8 |
| 9 Cu, N — | 9 Cu, N ✳✢ | 1 S — ⌭ | 1 S — ⌭ | 0 ⌭ | 0 ⌭ | 7.9 |
| 10 N, S — | 10 N ✳ | 10 N ✳ | 10 N ✳ | 10 N ⌭ | 10 N ⌭ | 9.3 |
| 10 N ✳° | 10 N ✳✳° | 10 N ✳° | 10 N ✳✳° | 10 N ⌭ | 10 N ✳° | 9.3 |
| 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✳✳° | 9 N ✳° ⌭ | 6 N ✳° ⌭ | 9.8 |
| 10 N, S — | 10 N — | 8 N — | 3 N — | 8 N ⌭ | 8 N ⌭ | 8.4 |
| 10 N — | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10.0 |
| 10 N — ✢ | 10 N — ✢ | 10 N — ✢ | 10 N — ✢ | 10 N — ✢ | 10 N — ✢ | 10.0 |
| 10 N — ✢ | 10 N ✢ | 10 N ⌭ ✢ | 10 N ✢ | 10 N ✢ | 8 N ⌭ ✢ | 9.6 |
| 10 N, S — ✢ | 10 N — ✢ | 10 N — ✢ | 10 N — ✢ | 2 S — ✢ | 8 Cu, S — ✢ | 7.1 |
| 1 S — ⊍ | 1 S — ⊍ | 2 S — ⊍ | 1 S — ⊍ | 1 S — ⊍ | 0 — ⊍ | 5.3 |
| 10 N ≡✢ | 10 N ✢ | 7 S, N ✢ | 8 N ✢ | 3 N ✢ | 0 ✳° ⌭ | 8.3 |
| 10 N — ⊍ | 10 N, Cu ✳° — | 10 CuS — | 6 CuS ⊍ | 5 S, Cu — | 0 ⌭ | 5.7 |
| 0 — ⊍ | 0 — | 0 — | 0 ⊍ | 0 ⌭ | 0 ⌭ | 0.8 |
| 0 — ⊍ | 0 — ⊍ | 0 ⊍ | 0 ⊍ | 0 ⌭ | 0 — | 0.3 |
| 5 Cu, S — ⌭ | 3 S ⌭ | 9 Cu, S ⌭ | 10 Cu, S — | 10 Cu — | 10 Cu ⌭ | 8.7 |
| 9 Cu, S — ⌭ | 1 C ⌭ | 4 Cu ⊍ ⌭ | 1 S ⌭ | 1 S ⊍ | 5 Cu ⊍ ⌭ | 7.8 |
| 10 N ≡⊍ ✢ | 0 — ✢ | 0 — ✢ | 0 ✢ | 0 ⌭ ✢ | 0 ⌭ ✢ | 5.9 |
| 0 — ✢ | 0 — ✢ | 0 — ✢ | 0 ⌭ | 0 ⌭ | 0 — ✢ | 0.6 |
| 2 C, CuS — | 5 CS — | 9 ⊍ ⌭ | 2 Cu ⊍ ⌭ | 3 Cu ⌭ | 8 — ≡ | 1.5 |
| 9 N, Cu ✢ | 10 N ✢ | 8 N ⊍ ✢ | 10 N ⊍ ✢ | 9 CS, N ⊍ ✢ | 10 CS, N ⊍ ✢ | 7.4 |
| 10 N — ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 9.2 |
| 10 N ✢ | 9 N — ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10.0 |
| 7.8 | 7.1 | 6 8 | 6.5 | 6.0 | 6.1 | 7.2 |

# Облачность и форма облаковъ, осадки и прч.

**Ноябрь, 1882.**

Среднее мѣстное время.



# Menge u. Form der Wolken, Niederschläge u. s. w.

**November, 1882.**

Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlag-menge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N — | 0.3 |
| 2 | 7 CS, Cu ≍ | 1 Cu ≍ | 10 N — | 10 N — | 3 C, S ≍ | 1 C, S — | 1 C, S — | 3 C, S — | 5 CS, S — | 4 CS, S ≍ | 7 CS, S — | 5 CS, S — | — |
| 3 | 0 — | 0 — | 0 ≍ | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 4 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1 CS — | 1 C, CS — | 1 C, CS — | 1 CS, S \|·\| | 1 S \|·\| | 1 S — | — |
| 5 | 0 ⊕ | 3 S ⊕ | 5 S, N ⊕ | 10 N — | 10 N — | 10 N — | 10 N ⊕ | 10 N — | 10 N — | 10 N ⊕ | 10 N, Cu ⊕ | 10 N, Cu — | — |
| 6 | 0 ≍ | 0 ≍ | 4 N, Cu — | 1 S ≍ | 4 S ≍ | 10 S, N ☀° | 10 S, N ☀° | 10 S, N ☀ | 10 N, S — | 9 C, CS, N — | 9 S, N — | 10 S, N ☀ | 0.2 |
| 7 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 2 S — | 4 S — | 10 N, S — | 9 N, S — | 10 N, S ⊕ | 10 N, S — | 10 S, Cu — | 10 S, Cu — | 0.2 |
| 8 | 0 ≍ | 10 N — | 10 N — | 10 N — | 10 N ☀ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 0.1 |
| 9 | 3 N, S ≍ | 0 ≍ | 0 ≍ | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 N, Cu — | 10 Cu, S — | — |
| 10 | 10 N — | 8 N ≍ | 0 ≍ | 0 — | 0 — | 8 N, S ≍ | 10 S, N — | 9 S, CS — | 10 CS, S — | 10 N, S ☀° | 10 S, N ☀° | 9 C, CS, S — | — |
| 11 | 3 N — | 10 N — | 9 S, N — | 3 S, N — | 2 N, S — | 1 S — | 2 S — | 8 S — | 10 N, S — | 10 N, S — | 10 N, Cu — | 10 N, S ☀° | — |
| 12 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 4 S, Cu — | 10 Cu, N, S — | 10 N, Cu — | 10 Cu, N — | 10 N — | 10 N — | — |
| 13 | 7 N ⊕ | 2 N ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 2 N — | 3 N, S ⊕° | 8 S — | 8 Cu, S — | 8 Cu, S — | — |
| 14 | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N — | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | — |
| 15 | 5 N ⊕ | 0 ⊕ | 0 ≍ | 4 S, N ≍ | 6 Cu, S ≍ | 4 Cu ≍ | 2 N ≍ | 2 N, S — | 1 S — | 1 S — | 1 S — | 1 S — | 0.2 |
| 16 | 7 N ☀° | 2 N ☀° | 2 S ≍ | 2 S ≍ | 4 S ≍ | 2 S ≍ | 3 S — | 10 N ☀ | 10 N, Cu ☀° | 10 Cu, N ☀° | 10 N ☀° | 10 N — | 0.9 |
| 17 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 2 S — | 6 S — | 5 S — | 3 S — | 4 S — | 1 S — | — |
| 18 | 0 ≍ | 6 Cu, S ≍ | 3 S ≍ | 9 N ⊕ | 10 N ⊕ | 9 N ≍ | 10 N — | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 0.1 |
| 19 | 2 N ⊕ | 4 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N — | 10 N — | 10 N — | 10 N ⊕ | 10 N, Cu — | 10 N, S — | 10 N, S — | 10 N, S — | — |
| 20 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 1 S — | 1 S — | 2 S — | 2 CS, C — | 3 C, CS, S — | 10 N, S — | — |
| 21 | 5 S, Cu ≍ | 5 Cu, S ≍ | 3 Cu, S ≍ | 3 S ≍ | 10 N ≍ | 10 N — | 10 N ☀° | 10 N ☀° | 10 N, C, S — | 10 N, S — | 10 N, Cu — | 10 N, S ☀° | — |
| 22 | 7 C, Cu ≍ | 9 Cu ☀° | 10 Cu ≍ | 8 N, Cu ≍ | 10 N ≍ | 6 N, S ☀° | 4 S, N ☀° | 3 S — | 4 CS, S — | 9 CS, S, N — | 10 N, S ☀° | 10 N, S ☀° | 0.3 |
| 23 | 10 Cu, S — | 10 Cu, CS, S — | 7 C, CCu, CS, S — | 7 C, CS, S — | 9 CS, S — | 6 Cu, S, CS — | 6 N, S — | 8 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | — |
| 24 | 10 N — | 10 N, S — | 10 N, S — | 9 N, S, CS — | 9 N, S, CS — | 10 CS, S, N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 CS, N ⊕ | — |
| 25 | 10 N ⊕° | 10 N ⊕° | 10 N ⊕° | 10 N ⊕° | 9 N ⊕ | 4 C, Cu ⊕ | 6 C, Cu ⊕ | 3 S ⊕ | 6 S, N ⊕ | 3 S ⊕ | 3 S ⊕ | 2 S — | 0.1 |
| 26 | 0 ≍ | 0 ≍ | 0 ≍ | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1 S — | 1 S — | 1 S — | — |
| 27 | 9 S ⊕° | 5 S ⊕° | 1 S — | 0 — | 4 C ☀° | 3 C ☀° | 3 C — | 4 C ☀° | 3 CS ☀° | 3 N, C — | 6 S, N — | 5 N, S — | 0.1 |
| 28 | 10 N ☀° | 10 N ☀° | 10 N ☀° | 10 N ☀° | 10 N ☀° | 10 N ☀° | 10 N, Cu ⊕ | 10 N, Cu ☀° | 10 N ☀° | 10 N ☀° | 10 N ☀° | 10 N — | — |
| 29 | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ☀° | 10 N ☀° | 10 N, Cu ☀° | 10 N, Cu ☀° | 0.3 |
| 30 | 7 N ≍ | 8 N ⊕ | 9 N ⊕ | 8 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N, S, C ☀° | 10 N, S — | 10 N, S ⊕ | 10 N, S ⊕ | 0.1 |
| Среднее. Mittel. | 4.7 | 5.0 | 4.8 | 5.1 | 5.7 | 5.6 | 6.2 | 7.0 | 7.3 | 7.5 | 7.7 | 7.8 | 2.9 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 Cu, N ⊕ | 9 S, N ⊕ | 0 ⊕ | 0 ⊕ | 3 S ⊕ | 2 S ⊕ | 1 S ⊕ | 0 ≍ | 0 ⊕ | 0 ≍ | 0 ≍ | 1 Cu ≍ | 6.1 |
| 2 | 8 S, Cu — | 3 S — | 2 S — | 1 Cu — | 1 Cu — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 0 — | 0 — | 0 ≍ | 3.0 |
| 3 | 0 — | 1 CS — | 0 — | 0 — | 0 — | 1 S — | 1 N, S — | 2 N — | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0.2 |
| 4 | 1 S — | 1 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 ≡ | 0 ≡ | 0 ≡ | 0 ≡ | 0 ≡ | 0.4 |
| 5 | 10 CuS, N ⊕ | 10 CuS, N ⊕ | 8 CuS — | 4 S — | 3 S — | 2 S — | 2 S — | 2 S — | 0 — | 0 — | 0 — | 0 — | 5.8 |
| 6 | 10 N, Cu ☀° | 10 N, Cu ☀° | 10 N, Cu — | 10 N, Cu — | 10 N ☀° | 8 N — | 5 N ☀° | 4 N — | 3 N ≍ | 3 N ≍ | 0 ≍ | 0 ≍ | 6.3 |
| 7 | 5 S, Cu — | 3 S — | 1 S — | 3 S — | 2 S ⊕ | 1 S — | 10 N — | 2 S ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 3.8 |
| 8 | 10 N ⊕ | 10 N ⊕ | 10 N — | 10 N ⊕ | 10 N ☀° | 10 N ⊕ | 10 N ⊕² | 8 N ≍ | 3 N ≍ | 3 N, S ≍ | 2 N ≍ | 0 ≍ | 8.2 |
| 9 | 7 Cu, S — | 9 Cu, S — | 9 Cu, N — | 9 Cu, S — | 3 S — | 3 S — | 5 S ≡ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 10 N — | 6.1 |
| 10 | 10 S, Cu — | 10 S — | 10 S — | 10 N, S — | 6 N, S — | 5 N — | 2 N ≡ | 4 N — | 3 N — | 3 N — | 0 — | 0 — | 6.1 |
| 11 | 8 CS, S — | 4 Cu, S — | 4 S, N — | 10 N, S — | 10 N — | 10 N ☀° | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 7.7 |
| 12 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 9 Cu, S, N — | 7 N — | 10 N — | 7.1 |
| 13 | 4 Cu, S ⊕ | 4 Cu, S ≡⊕ | 5 S, Cu ⊕ | 9 Cu, S ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 5.8 |
| 14 | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 9 N ≍ | 9 N ≍ | 10 N ⊕ | 8 N ⊕ | 3 N ≍ | 2 N ≍ | 9.2 |
| 15 | 5 S, N — | 10 Cu, S — | 7 S — | 6 S — | 9 N ≍ | 10 N ☀° | 8 S, N — | 10 S, N — | 10 N ☀° | 6 N ≍ | 4 N, S ≍ | 8 N ☀° | 5.3 |
| 16 | 10 N, S — | 9 N — | 2 S — | 1 S — | 1 S — | 0 — | 0 — | 0 ≍ | 10 N — | 10 N ☀ | 3 S, N ≍ | 0 ≍ | 4.9 |
| 17 | 1 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 1.0 |
| 18 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ☀° | 10 N ⊕° | 10 N ≍ | 10 N ⊕ | 10 N ⊕ | 8 N ⊕ | 5 N ⊕ | 3 S, N ⊕ | 8.5 |
| 19 | 4 S — | 3 S — | 2 S — | 1 S — | 0 — | 0 ≍ | 0 — | 0 — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 4.8 |
| 20 | 10 N, S — | 7 N, S — | 2 S — | 3 CS, S — | 1 CS ≍ | 4 CS, S — | 10 Cu, S — | 10 N, Cu — | 10 N, Cu — | 10 Cu, N ☀° | 10 Cu, N ☀° | 6 Cu, S ☀° | 4.3 |
| 21 | 10 Cu, N — | 10 N, Cu, S — | 10 N, S ☀° | 10 N ☀° | 10 Cu, S ☀° | 7 S, Cu ⊕ | 6 C, CS, S — | 7 C, CS, CCu, S — | 10 N, Cu ☀° | 4 Cu — | 8 CS, Cu ☀° | 9 Cu — | 8.2 |
| 22 | 10 N, S ☀° | 10 N, S — | 10 N ☀° | 8 N ☀° | 7 N ⊕ | 6 N ⊕ | 8 N, S ☀° | 8 S, CCu ⊕ | 8 Cu, S ⊕ | 7 C, S — | 9 CS, S — | 10 Cu, S — | 8.0 |
| 23 | 10 N, S — | 9 CS, S — | 8 C, CS, S — | 10 CS, S ⊕ | 10 S, N ⊕ | 10 C, N ⊕ | 10 N, S ⊕ | 10 S, N ⊕ | 10 N, S ⊕ | 10 Cu, S — | 10 S — | 10 N, S — | 9.2 |
| 24 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ⊕ | 10 N ⊕ | 10 N — | 10 N ⊕ | 10 N — | 10 N ⊕ | 10 N ⊕ | 9.9 |
| 25 | 3 S — | 3 S — | 2 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 3.5 |
| 26 | 3 C — | 3 N — | 3 S — | 4 CS — | 8 CS — | 3 C — | 3 Cu — | 10 CCu ⊕° | 10 N ⊕° | 10 CS, S, N ⊕° | 10 C, S, N ⊕° | 9 C, S ⊕ | 2.8 |
| 27 | 8 CS — | 3 CS — | 3 S — | 4 CS — | 10 CS — | 10 CS, N — | 10 N, Cu ⊕° | 10 N, Cu ⊕° | 10 N ⊕° | 10 N, Cu ⊕° | 10 N, Cu ⊕° | 10 N — | 6.0 |
| 28 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ⊕° | 10 N ⊕° | 10 N ⊕° | 10 N ⊕° | 10 N ⊕° | 10 N ⊕ | 10.0 |
| 29 | 4 S, N — | 10 N ☀° | 10 N — | 10 N — | 7 N — | 8 N ⊕ | 8 N ⊕ | 10 N, CS ⊕° | 10 N ⊕° | 7 N, CCu ⊕° | 10 N, S ⊕° | 8 N ⊕ | 9.3 |
| 30 | 10 N, S, CS — | 10 N, S — | 7 N ⊕ | 7 N ⊕ | 10 N ⊕ | 10 N ⊕ | 8 N ⊕ | 10 N ⊕ | 10 N ⊕ | 10 N ⊕ | 7 N ⊕ | 6 N ⊕ | 9.1 |
| Среднее. Mittel. | 7.4 | 7.1 | 5.9 | 6.0 | 6.0 | 5.7 | 5.9 | 5.6 | 5.9 | 5.3 | 4.6 | 4.7 | 6.0 |

Сумма явлений / Summe der Erscheinungen: 9 ≡, 89 ☀, 28 ⊛, 178 ≍, 170 ⊕, 3 |·|.

# Облачность и форма облаковъ, осадки и прч.

**Декабрь 1882.**

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 8 N ✢ |
| 2 | 0 ≍ | 0 — | 0 — | 0 — | 0 ≍ | 0 ≍ |
| 3 | 4 N ≍ | 5 S — | 3 S — | 3 C, S — | 3 S, C ✢ | 2 S, C ✢ |
| 4 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 5 | 6 ≍ | 5 — | 7.. ✢ | 7.. ✢ | 7 N ≍ | 10 N ✢ |
| 6 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ☀ | 10 N — |
| 7 | 10 N ☀ | 10 N — | 10 N ☀ | 10 N ☀ | 10 N ☀ | 10 N, S — |
| 8 | 10 N ☀ | 10 N — | 4 N, S ≍ | 3 N, S ✢ | 4 N, S ≍ | 3 S — |
| 9 | 10 N — | 10 N — | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 10 | 10 N ☀ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 8 N ✢ |
| 11 | 0 ≍ | 0 ≍ | 0 ≡ ≍ | 0 ≡ ≍ | 0 ≍ | 0 ≍ |
| 12 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ |
| 13 | 5 N ≍ | 3 N ≍ | 3 N ≍ | 3 N ≍ | 3 N ≍ | 3 N ≍ |
| 14 | 2 N, S ≍ | 0 ≍ | 0 ≍ | 2 N ≍ | 0 ≍ | 0 ≍ |
| 15 | 10 N — | 4 N ≍ | 2 S — | 8 N — | 7 N ≍ | 3 N ≍ |
| 16 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ |
| 17 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ |
| 18 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 5 N ✢ | 10 N ✢ |
| 19 | 6 CS, N ✢ | 4 N, S ✢ | 10 CS, N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 20 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 21 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 8 N ✢ | 8 N ✢ | 8 N, S ✢ |
| 22 | 0 ✢ | 0 ✢ | 0 ✢ | 0 ✢ | 0 ✢ | 0 ✢ |
| 23 | 0 ✢ | 0 ✢ | 0 ✢ | 0 ✢ | 0 ✢ | 0 ✢ |
| 24 | 2 CS ✢ | 3 CS ✢ | 4 CS ✢ | 3 CS ✢ | 4 S ✢ | 2 S ✢ |
| 25 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ |
| 26 | 5 S ✢ | 6 S ✢ | 4 S ✢ | 7 S ✢ | 10 CS, N ✢ | 6 CS ✢ |
| 27 | 7 C, S ✢ | 3 S ✢ | 2 S ✢ | 2 S ✢ | 4 CS ✢ | 3 CS ✢ |
| 28 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ☀ | 10 N ✢ |
| 29 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 6 N ✢ | 3 N, S ✢ |
| 30 | 2 S ✢ | 2 S ✢ | 1 S ✢ | 1 S ✢ | 0 ✢ | 0 ✢ |
| 31 | 1 S ✢ | 1 S ✢ | 1 S ✢ | 0 ✢ | 0 ✢ | 0 ✢ |
| Среднее. Mittel. | 5.8 | 5.4 | 5.2 | 5.4 | 5.2 | 4.9 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 4 S — | 2 S — | 1 S — | 1 S — | 2 N, S — | 1 S — |
| 2 | 8 N, S — | 10 N — | 10 N — | 10 N — | 5 N — | 5 N — |
| 3 | 7 CCu, S — | 4 S — | 6 N, Cu — | 6 N, Cu — | 6 N — | 5 N — |
| 4 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — |
| 5 | 0 — | 3 C, N — | 4 N — | 2 N — | 2 CS — | 0 — |
| 6 | 10 N, Cu, S — | 10 N, S — | 10 N, S — | 10 N — | 10 N — | 10 N — |
| 7 | 1 S — | 2 S — | 2 S — | 2 S — | 4 Cu — | 3 N — |
| 8 | 8 CS, CCu — | 9 CS — | 3 S — | 3 S — | 3 S — | 3 N — |
| 9 | 10 S, N — | 10 S, N — | 10 N — | 10 N — | 10 N — | 10 N — |
| 10 | 10 N, C — | 10 N — | 9 N — | 9 N — | 4 N — | 2 N — |
| 11 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 12 | 10 S, CS — | 10 N — | 9 N — | 10 N — | 7 N — | 5 N — |
| 13 | 9 S, CS — | 5 N, S — | 2 S — | 1 S — | 1 S — | 2 S — |
| 14 | 7 S — | 6 N, S — | 9 N, S — | 10 N — | 10 N — | 2 S — |
| 15 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 16 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 17 | 4 CS, S — | 10 N — | ... — | ... — | 4 S — | 8 CS — |
| 18 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, C — |
| 19 | 10 N — | 10 N — | 8 N, S — | 10 N, Cu — | 10 N, S — | 6 N — |
| 20 | 8 N, S — | 4 S — | 2 S — | 0 — | 10 CuS — | 10 CS — |
| 21 | 3 S — | 3 S — | 3 S — | 2 S — | 2 S — | 4 S — |
| 22 | 3 S — | 6 N — | 10 N — | 10 N — | 6 N, S — | 3 S — |
| 23 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 24 | 2 S — | 2 S — | 3 CS — | 5 CS — | 4 CS — | 6 CS — |
| 25 | 10 N — | 0 — | 10 N — | 0 — | 0 — | 4 S, N — |
| 26 | 9 N, S — | 8 N, S — | 7 N, S — | 8 N, S — | 6 S — | 5 N, S — |
| 27 | 4 CS, S — | 10 N — | 10 N — | 4 N — | 4 S — | 4 S — |
| 28 | 10 N, S — | 5 N, S — | 3 N, S — | 6 N, S — | 4 N, S — | 4 N, S — |
| 29 | 1 CS — | 1 S — | 1 S — | 2 S — | 0 — | 0 — |
| 30 | 0 — | 2 CuS — | 2 CuS — | 0 — | 0 — | 0 — |
| 31 | 4 CS, S — | 5 CS — | 6 CS — | 4 S — | 3 S — | 3 S — |
| Среднее. Mittel. | 6.2 | 5.4 | 5.3 | 4.8 | 4.4 | 4.5 |

Сумма явлений / Summe der Erscheinungen } 2 ≡, 56 ✳, 47 ⊕, 185 ≍, 213 ✢.



# Menge u. Form der Wolken, Niederschläge u. s. w.

**December 1882.**

Mittlere Ortszeit.

| Число. Datum. | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|---|
| 1 | 8 N, CS ⊕ | 4 CS — | 2 S — | 1 S — | 3 S — | 7 S, CCu — | — |
| 2 | 1 C, CS ⊕ | 3 S — | 4 N, S — | 7 N, S — | 6 N, S — | 5 N, S — | — |
| 3 | 8 N, S ⊕ | 3 N — | 7 CuS — | 9 CuS — | 4 S — | 5 S — | 0.3 |
| 4 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 3.4 |
| 5 | 9 N ✢ | 10 N ✢ | 9 N — | 9 N — | 3 S — | 2 Cu — | 0.1 |
| 6 | 10 N — | 10 N ✳ | 10 N ✳ | 10 N ✳ | 10 N — | 10 N, S — | — |
| 7 | 10 N — | 9 N, S ✳ | 2 S — | 1 S — | 1 S — | 1 S — | 0.1 |
| 8 | 10 N — | 10 N, S ✳ | 9 N, S — | 7 S — | 4 S — | 4 S — | — |
| 9 | 10 N — | 10 N ✳ | 10 N ✢ | 10 N ✳ | 10 N ✳ | 10 N ✳ | — |
| 10 | 5 N ✢ | 5 N — | 10 N, S ✢ | 10 N, S ✢ | 10 N, S ✢ | 10 N, S ✢ | — |
| 11 | 0 — | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | 0.7 |
| 12 | 2 S — | 3 S — | 8 N, S — | 5 N, S — | 9 S, C, Cu — | 7 CS — | 0.1 |
| 13 | 2 N ✢ | 2 N — | 4 N — | 8 S, Cu — | 10 N — | 10 N — | — |
| 14 | 2 S — | 4 S — | 7 S — | 10 N, S — | 10 N, S, C — | 5 CS — | — |
| 15 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 16 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 17 | 0 — | 0 — | 1 N — | 6 N, CS ✢ | 8 CuS ✢ | 4 Cu, CS ✢ | — |
| 18 | 10 N ✢ | 2 N ✢ | 2 N ✢ | 5 N ✢ | 10 N ✢ | 10 N ✢ | — |
| 19 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | — |
| 20 | 2 S ✢ | 2 S ✢ | 3 S ✢ | 2 S ✢ | 4 N, S ✢ | 5 N, S ✢ | 0.1 |
| 21 | 5 N ✢ | 6 N ✢ | 10 N ✢ | 8 N ✢ | 4 N ✢ | 7 CS ✢ | 0.1 |
| 22 | 0 — | 0 — | 1 S — | 2 S — | 3 S — | 2 S — | — |
| 23 | 0 — | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | — |
| 24 | 3 CS ✢ | 2 S ✢ | 2 S ✢ | 2 S ✢ | 3 S ✢ | 2 S ✢ | — |
| 25 | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 0.8 |
| 26 | 9 C, CCu, CS ✢ | 8 CS ✢ | 8 CS ✢ | 6 CS — | 5 CS — | 10 S, N — | — |
| 27 | 8 S ⊕ | 8 S ⊕ | 9 N, S ⊕ | 9 N, S — | 10 N, S — | 10 N, S — | — |
| 28 | 10 N ⊕ | 10 N ⊕ | 10 N ✳ | 10 N — | 10 N ✳ | 6 N, S — | — |
| 29 | 1 S ⊕ | 1 S — | 3 S — | 2 S — | 2 S — | 3 CS — | — |
| 30 | 0 — | 0 — | 0 — | 1 CS — | 1 S — | 1 S — | — |
| 31 | 0 ⊕ | 0 — | 5 CuS — | 6 CuS — | 9 C, Cu, S — | 6 CuS — | — |
| Среднее. Mittel. | 5.0 | 4.6 | 5.4 | 5.7 | 5.8 | 5.6 | 5.7 |

| Число. Datum. | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|
| 1 | 2 S, N — | 2 S, N ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 4.1 |
| 2 | 5 N — | 5 N ✳ | 2 N ≍ | 3 N ≍ | 2 N ≍ | 5 N ✢ | 4.0 |
| 3 | 5 N — | 5 N — | 9 N — | 9 N ✢ | 9 N ✢ | 10 N ✢ | 5.7 |
| 4 | 10 N — | 10 N ✢ | 10 N — | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10.0 |
| 5 | 3.. — | 3.. ✢ | 0 ≍ | 3 S ≍ | 2 S — | 8 CS — | 4.8 |
| 6 | 10 N — | 10 N — | 10 N ✳ | 10 N ✳ | 10 N ✳ | 10 N ✳ | 10.0 |
| 7 | 8 N — | 4 S — | 2 Cu, S ≍ | 7 N ≍ | 10 N ✳ | 10 N ✳ | 6.0 |
| 8 | 2 S — | 0 — | 9 N, S ≍ | 7 N, S — | 3 N, S ≍ | 10 N — | 5.8 |
| 9 | 10 N — | 10 N ≍ | 10 N ≍ | 10 N ≍ | 10 N ≍ | 10 N ≍ | 10.0 |
| 10 | 4 S ≍ | 4 N ≍ | 2 N ≍ | 3 N ≍ | 3 N ≍ | 3 N ≍ | 7.1 |
| 11 | 0 — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0.2 |
| 12 | 5 N ≍ | 5 N ≍ | 6 N ≍ | 4 N ≍ | 3 N ≍ | 5 N ≍ | 4.7 |
| 13 | 2 S ≍ | 2 S ≍ | 4 N, S ≍ | 5 N, S — | 3 N, S ≍ | 4 N, S ≍ | 4.0 |
| 14 | 10 N — | 10 N — | 10 N ≍ | 6 N ≍ | 10 N ≍ | 10 N ≍ | 6.2 |
| 15 | 0 — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 1.4 |
| 16 | 0 — | 0 — | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0.0 |
| 17 | 8 N ⊕ | 8 N ⊕ | 9 N, Cu ✢ | 8 N, C ✢ | 9 N, C ≍ | 8 N, C ✢ | 4.3 |
| 18 | 5 S ⊕ | 6 S ⊕ | 10 N ✢ | 10 N ✢ | 9 N, Cu ✢ | 10 N ✢ | 8.5 |
| 19 | 10 N ⊕ | 10 N ⊕ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 10 N ✢ | 9.3 |
| 20 | 10 S, Cu ⊕ | 10 S ⊕ | 5 N, S ≍ | 5 S, N ✢ | 10 N ✢ | 10 S, N ✢ | 6.8 |
| 21 | 3 S, C ≍ | 3 Cu, C ✢ | 3 CS — | 0 ≍ | 0 ≍ | 0 ≍ | 5.1 |
| 22 | 3 N ⊕ | 8 N, S ⊕ | 0 ⊕ | 0 ⊕ | 0 ⊕ | 0 ⊕ | 2.4 |
| 23 | 0 ≍ | 0 ≍ | 0 ⊕ | 0 ⊕ | 0 ⊕ | 0 ⊕ | 0.2 |
| 24 | 5 S, N ✢ | 5 CS ✢ | 5 CS ✢ | 5 CS ✢ | 7 CS ✢ | 10 CS ✢ | 3.9 |
| 25 | 5 S, N ✢ | 5 S, N ✢ | 4 N, S ✢ | 4 N, S ✢ | 4 N, S ✢ | 5 N, S ✢ | 7.1 |
| 26 | 3 S ≍ | 4 S ⊕ | 4 C, CS ✢ | 4 S ✢ | 5 S ⊕ | 5 S ⊕ | 6.3 |
| 27 | 7 S ≍ | 7 S ⊕ | 9 CS ⊕ | 10 CS ⊕ | 8 CS ⊕ | 9 CS ⊕ | 6.7 |
| 28 | 4 N, S ≍ | 4 N, S ⊕ | 3 S ⊕ | 4 CS ⊕ | 5 CS ⊕ | 9 N, S ⊕ | 7.4 |
| 29 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 2 S ≍ | 2.8 |
| 30 | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 1 S ≍ | 1 S ≍ | 0.6 |
| 31 | 1 S ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 0 ≍ | 2.3 |
| Среднее. Mittel. | 4.5 | 4.5 | 4.4 | 4.4 | 4.6 | 5.6 | 5.1 |

## Облачность и форма облаковъ, осадки и прч.

**Январь 1883.**

Среднее мѣстное время.



## Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit.

**Januar 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 1 S ⚌ | 2 S — | 2 C, S — | 2 CS — | 2 CS — | — |
| 2 | 0 ⚌ | 0 ⚌ | 1 S ⚌ | 1 S ⚌ | 2 S ⚌ | 2 S ⚌ | 0 ⚌ | 2 CS — | 1 S — | 1 S — | 1 S — | 10 N, S — | — |
| 3 | 2 S ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 1 S — | 1 S — | 4 CS — | 10 S, C, Cu — | 4 S, COu — | — |
| 4 | 10 N ☼° | 10 N ☼° | 10 N ☼° | 10 N ☼° | 7 N, S — | 4 N, S ⚌ | 8 N — | 9 N — | 9 N ☼° | 10 N, S — | 9 N, S ☼° | 10 N, S — | — |
| 5 | 1 S — | 0 ⚌ | 0 ⚌ | 0 — | 0 ⚌ | 0 ⚌ | 0 — | 1 S — | 1 S — | 2 CS — | 1 CS — | 7 S — | — |
| 6 | 5 N ⚌ | 8 N — | 10 N — | 10 N — | 10 N — | 10 N ☼° | 10 N ☼° | 10 N ☼° | 10 N — | 9 N — | 6 N, S — | 10 N — | — |
| 7 | 10 N ☼° | 10 N ☼° | 10 N ☼° | 10 N — | 10 N — | 6 N ⚌ | 10 N ☼° | 10 N ☼° | 10 N ☔ | 3 N, S — | 6 N, S — | 10 Cu, S, N ☔☔ | 0.1 |
| 8 | 3 N ⚌ | 0 ⚌ | 3 S ⚌ | 2 S — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 2 S — | 2 S ☔ | 4 S — | 4 S ☔ | 6 S — | — |
| 9 | 8 N ⚌☔ | 3 N ⚌☔ | 3 N ⚌☔ | 4 N, S ⚌☔ | 4 S ⚌☔ | 4 S ⚌☔ | 1 S ☔ | 1 S ⚌☔ | 1 S ☔ | 1 S — | 1 S — | 2 S — | — |
| 10 | 0 ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 0 ⚌ | 0 — | 2 S — | 7 CS — | 8 CS — | 8 CS — | 6 S — | — |
| 11 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 2 S, Cu, C — | — |
| 12 | 10 N — | 10 N — | 10 N ☼° | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | — |
| 13 | 6 .. — | 9 N ⚌ | 10 N — | 1 N ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 1 S ⚌ | 10 N — | 9 N, CS — | 10 Cu, S, C — | 9 Cu, S, C — | — |
| 14 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 2 S — | 1 S — | 1 S — | 1 S — | 1 S — | — |
| 15 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 0 — | 0 ☔ | 0 ☔ | — |
| 16 | . ☔ | . ☔ | . ☔ | . ☔ | . ☔ | . ☔ | . ☔ | . ☔ | . ☔ | 10 N ☔ | 10 N ☔ | 10 Cu, S ☔ | 1.0 |
| 17 | 0 ⚌☔ | 2 S ⚌☔ | 4 S ⚌ | 6 S ⚌☔ | 10.. ☔☔ | 4 S ⚌☔ | 5 S — | 3 S — | 3 N, S — | 7 N, S — | 8 N, S — | 8 N, S — | — |
| 18 | . ☔ | . ☔ | . ☔ | . ☔ | 8 N, S ☔☔ | 7 N, S ☔☔ | 2 S ☔☔ | 2 N, S ☔☔ | 5 N, S ☔☔ | 10 CS, C ☔☔ | 10 N, S, C — | 10 CS — | — |
| 19 | 7 CuS, C ⚌☔ | 7 CuS ☔ | 7 COu ⚌☔ | 5 N, S ☔ | 5 N, S ☔☔ | 3 S ☔☔ | 3 CS — | 3 S, Cu — | 4 CS ☔☔ | 4 CS ☔☔ | 4 CS ☔ | 3 CS ☔☔ | — |
| 20 | 2 S ⚌ | 1 S — | 3 S — | 9 N, S — | 10 N, S — | 10 N — | 10 N, Cu — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | — |
| 21 | 8 S — | 0 — | 1 C ⚌ | 2 CS Ψ⚌ | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 22 | 0 ⚌ | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | — |
| 23 | 0 — | 0 — | 1 S ⚌ | 1 S ⚌ | 1 S — | 1 S — | 0 — | 1 S — | 1 C — | 1 C — | 2 CS — | 2 S — | — |
| 24 | 10 CS ⚌☔ | 10 S, C — | 10 S, C — | 10 CS — | 8 CS — | 3 S — | 3 S — | 3 CS — | 3 S — | 7 CS — | 5 CS — | 5 S, COu — | — |
| 25 | 6 CS ⚌☔ | 5 CS ⚌☔ | 3 CS ⚌☔ | 3 CS ⚌☔ | 9 CS — | 4 CS — | 7 S, CS, C ⚌☔ | 2 S — | 2 CS — | 1 CS — | 2 CS — | 2 CS — | — |
| 26 | 0 ⚌☔ | 1 S ⚌☔ | 0 ⚌☔ | 0 Ψ⚌ | 0 Ψ⚌ | 5 N, S Ψ⚌☼° | 9 N, S ☼° | 10 N, S ☼° | 9 C, S ☼° | 10 N, C — | 10 S, N — | 8 C, S — | — |
| 27 | 1 S ⚌ | 2 S ⚌ | 1 S ⚌☔ | 1 S ⚌ | 2 S ⚌ | 2 S ⚌ | 2 S — | 3 CuS — | 4 CS — | 5 CS — | 6 N, S — | 8 N, S — | — |
| 28 | 2 S ⚌☔ | 3 S ⚌☔☼° | 3 S ⚌☔ | 3 S ⚌ | 2 S ⚌☔ | 2 S ⚌☔ | 0 ⚌☔ | 7 N, S — | 4 N, S — | 2 S — | 2 N, CuS — | 1 S — | — |
| 29 | 0 ⚌ | 0 ⚌ | 1 C ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 1 S — | 1 S — | 1 S — | 1 S — | 1 S — | — |
| 30 | 0 ⚌ | 0 ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 0 — | 2 S — | 2 S — | 2 S — | 1 S — | 3 S — | — |
| 31 | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 1 S ⚌ | 0 ⚌ | 2 S — | 1 CS — | 1 S — | 1 CS — | 0 — | — |
| Среднее Mittel | 3.1 | 2.8 | 3.2 | 3.1 | 3.2 | 2.6 | 2.6 | 3.3 | 3.7 | 4.4 | 4.6 | 5.3 | 1.1 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 S — | 1 S — | 1 S — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 ⚌ | 0.5 |
| 2 | 10 S, N — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N — | 10 N — | 10 N — | 10 N — | 4 N, S — | 7 N — | 6 N, S — | 6 N — | 5.2 |
| 3 | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N — | 10 N — | 10 N — | 10 N ☼° | 10 N ☼ | 10 N ☼° | 10 N ☼° | 10 N ☼° | 5.9 |
| 4 | 10 N, Cu — | 10 N ☼° | 10 N ☼° | 10 N ☼° | 6 N ☼° | 4 N — | 3 S — | 1 S — | 2 S — | 3 S — | 3 S — | 2 S — | 7.1 |
| 5 | 6 S — | 2 S — | 2 S — | 3 S — | 2 S ⚌ | 3 S ⚌ | 1 S — | 1 S — | 0 — | 10 N ☼° | 6 N — | 5 N ⚌ | 2.3 |
| 6 | 10 N ☔ | 10 N ☔ | 10 N ☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔ | 10 N ☔ | 10 N ☼° | 10 N ☼° | 10 N ☼° | 10 N ☼° | 9.5 |
| 7 | 10 N, S — | 10 N — | 10 N ☔☔ | 10 N ☔☔ | 5 N ☔☔ | 7 N ☔☔ | 4 N ⚌☔ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 4 N ⚌ | 6.7 |
| 8 | 7 CS, S ☔ | 10 N ☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔ | 10 N ☔ | 10 N ⚌☔ | 10 N ☔ | 10 N ☔ | 10 N ☔ | 6.0 |
| 9 | 1 S — | 2 S — | 1 S — | 1 S — | 2 S — | 2 S — | 2 S ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 1.9 |
| 10 | 9 CS, S — | 10 CS, S — | 5 S — | 3 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 2.5 |
| 11 | 9 S — | 9 N, S — | 9 N, S — | 9 N, S — | 9 N, S — | 10 N — | 10 N — | 10 N — | 2 S — | 6 N — | 10 N — | 10 N — | 4.4 |
| 12 | 10 Cu, N — | 10 N — | 10 N — | 10 N — | 8 N — | 4 N — | 2 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 7.3 |
| 13 | 10 C, CuS — | 4 C, CuS — | 4 S — | 2 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 3.4 |
| 14 | 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.3 |
| 15 | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | 0 ☔ | . ⚌☔ | 0 ⚌☔ | 0.0 |
| 16 | 10 N ☔ | 10 N ☔ | 10 N ☔ | 8 N, S ☔ | 3 S ☔☔ | 5 N, S ☔☔ | 2 S ☔☔ | 6 N ☔☔ | 0 ☔☔ | 0 ☔☔ | 3 N ☔☔ | 0 ⚌☔ | 5.8 |
| 17 | 7 N, S — | 8 N, S, C — | 10 N — | 10 N — | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 10 N ☔☔ | 7.2 |
| 18 | 6 CS, S ☔ | 4 CS, S — | 4 S — | 1 S — | 1 S — | 0 — | 4 CS ⚌☔ | 4 CS ⚌☔ | 0 ⚌☔ | 7 Cu, CS ⚌☔ | 0 ⚌☔ | 3 S ⚌☔ | 4.4 |
| 19 | 6 S, CS — | 5 S, CS — | 9 S, CS — | 6 S, CS — | 2 S ☔ | 2 S ☔ | 2 S ☔ | 1 S ☔ | 0 ⚌☔ | 0 ⚌☔ | 0 ⚌☔ | 0 ⚌☔ | 3.7 |
| 20 | 10 S — | 10 S — | 3 S — | 2 S — | 2 S — | 2 S ☔ | 4 S ⚌☔ | 10 N ⚌☔ | 4 CS, N ⚌☔ | 9 N, S — | 10 N — | 8 N, S ⚌ | 7.0 |
| 21 | 1 S — | 1 S — | 1 S — | 1 S — | 0 ⚌ | 2 S ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.7 |
| 22 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 2 COu — | 2 CS — | 4 CS, C Ψ⚌ | 2 CS, C ⚌☔ | 4 CS, C ⚌☔ | 10 CS, C ⚌☔ | 1.7 |
| 23 | 1 S V | 1 S — | 0 — | 0 — | 1 S — | 3 CS — | 8 S, C — | 10 S, C — | 7 CS ⚌☔ | 8 S ⚌☔ | 8 S ⚌☔ | 7 S ⚌☔ | 7.3 |
| 24 | 7 S, CS — | 7 S, CS — | 8 CS, Cu — | 8 CS, C — | 8 S, COu — | 9 S, C — | 1 C ⚌☔ | 1 C ⚌☔ | 1 CS ⚌☔ | 1 CS ⚌☔ | 2 CS ⚌☔ | 1 CS ⚌☔ | 2.8 |
| 25 | 4 Cu, S — | 3 CS — | 3 S, C — | 1 S — | 1 S — | 1 S — | | | | | | | |
| 26 | 2 C, CS — | 4 CS — | 2 CS — | 1 C — | 2 CS — | 0 ⚌ | 0 ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 1 S ⚌ | 3.3 |
| 27 | 9 S, S ☼° | 3 N, S — | 4 N, CuS — | 3 S, N — | 1 S — | 1 S — | 0 ⚌ | 0 ⚌ | 2 S — | 2 N — | 7 S, N ☼°⚌ | 7 S, N ⚌☔ | 3.2 |
| 28 | 2 CS — | 2 Cu — | 5 CuS ☼° | 5 CuS — | 3 CuS — | 2 CuS — | 2 S — | 2 S — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 2.3 |
| 29 | 1 S — | 3 S — | 3 S — | 2 S, Cu — | 2 S, Cu — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.7 |
| 30 | 2 CS — | 4 CS — | 3 CS — | 3 S — | 1 CS — | 1 S — | 0 — | 0 — | 0 ⚌ | 0 — | 0 ⚌ | 0 ⚌ | 1.2 |
| 31 | 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.2 |
| Среднее. Mittel. | 5.4 | 5.3 | 5.1 | 4.5 | 3.6 | 3.5 | 3.1 | 3.2 | 2.2 | 3.1 | 3.4 | 3.4 | 3.7 |

Сумма явленій
Summe der Erscheinungen } 1 V, 41 ☼, 47 ☔, 11 Ψ, 202 ⚌, 120 ☔.

# Облачность и форма облаковъ, осадки и прч.

**Февраль 1883.**

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ |
| 2 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 3 S ⚌ | 2 S ⚌ |
| 3 | 10 N ⚌ ☼° | 10 N ⚌ ☼° | 10 N ⚌ ☔ | 5 N, S ⚌ ☔ | 10 N ⚌ ☼° | 10 N ⚌ ☼° |
| 4 | 10 N ☔ | 10 N ⚌ ☔ | 3 N ⚌ ☔ | 5 N ⚌ ☔ | 8 N ⚌ ☔ | 10 N ☔ |
| 5 | 0 ⚌ ☔ | 4 N, S ⚌ ☔ | 4 N, S ⚌ ☔ | 2 N, S ⚌ ☔ | 2 N, S ⚌ ☔ | 0 ⚌ ☔ |
| 6 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 ⚌ |
| 7 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ |
| 8 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ |
| 9 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 ⚌ | 0 ⚌ |
| 10 | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 1 C ⚌ |
| 11 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ |
| 12 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 ⚌ |
| 13 | 0 ⚌ | 0 ⚌ | 0 — | 0 ⚌ | 0 — | 0 — |
| 14 | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 0 — |
| 15 | 10 N ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ☔ | 10 N ☔ |
| 16 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 — |
| 17 | 2 CS — | 2 CS ⚌ | 0 ⚌ | 0 — | 0 — | 0 — |
| 18 | 0 ⚌ | 0 ⚌ | 0 — | 1 C — | 2 S — | 1 S — |
| 19 | 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 — |
| 20 | 0 — | 0 — | 0 — | 1 CS — | 0 — | 0 — |
| 21 | 1 CS ⚌ | 0 ⚌ | 0 — | 0 — | 0 — | 0 — |
| 22 | 0 | 0 | 0 — | 0 — | 0 — | 1 S — |
| 23 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 10 N ⚌ ☔ | 10 N ⚌ ☔ |
| 24 | 0 ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ ☔ |
| 25 | 0 ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ ☔ | 4 Cu, S ⚌ ☔ | 3 CuS ⚌ | 3 CuS ⚌ ☔ |
| 26 | 1 S ⚌ | 1 S — | 0 — | 0 — | 1 S — | 1 S — |
| 27 | 10 N ⚌ | 7 N, S ⚌ | 9 N — | 10 N — | 10 N — | 10 N — |
| 28 | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 — |
| Среднее. Mittel. | 1.6 | 1.6 | 1.3 | 1.4 | 2.1 | 2.1 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 7 CS, S — | 10 CS, S — | 3 CS, S — | 3 CS, S — | 2 S — | 2 S — |
| 2 | 8 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N — |
| 3 | 10 S, N ☼° | 10 N ☼° | 10 N ☼° | 10 N ☼° | 10 N ☼° | 10 N ☼° |
| 4 | 10 N ☔ | 10 N ☔ | 10 N ☔ | 10 N ☔ | 10 N ☔ | 8 N ☔ |
| 5 | 0 — | 0 — | 0 — | 1 S — | 1 S — | 0 — |
| 6 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 7 | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | 1 S — |
| 8 | 2 C, S — | 0 — | 4 CS — | 5 CS — | 2 CS — | 2 CS — |
| 9 | 1 CS — | 1 CS — | 1 CS — | 4 CS — | 3 S — | 1 S — |
| 10 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 11 | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | 1 S — |
| 12 | 0 — | 1 C ☰° | 2 CS ☰° | 3 CS ☰° | 2 CS ☰° | 0 — |
| 13 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 14 | 2 N ☔ | 2 N ☔ | 2 N ☔ | 2 N ☔ | 2 N ☔ | 2 N ☔ |
| 15 | 10 N, S ☔ | 10 N, S ☔ | 10 N ☔ | 10 N, S ☔ | 6 CS, S — | 7 CS, S — |
| 16 | 5 Cu, S — | 8 N, S — | 8 N, S — | 10 CuS — | 7 CuS — | 3 S — |
| 17 | 1 CS — | 2 CS — | 2 CS — | 1 CS — | 1 CS — | 1 CS — |
| 18 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 19 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 20 | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | 1 S — |
| 21 | 0 — | 0 — | 0 — | 0 — | 0 — | 1 CS — |
| 22 | 7 C ⊕ | 4 C ⊕ | 2 CS ⊕ | 2 CS ⊕ | 1 S — | 1 S — |
| 23 | 0 — | 0 — | 0 — | 0 — | 6 CuS — | 7 CuS — |
| 24 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — |
| 25 | 10 N ☔° | 10 N ☔° | 10 N ☔° | 6 N ☔ | 9 N, S ☔ | 8 N, S ☔ |
| 26 | 10 N, Cu ☔° | 10 N, S ☔° | 10 Cu, N ☔° | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — |
| 27 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 9 Cu, N — | 9 Cu, N — | 10 Cu, N — |
| 28 | 10 Cu ☔° | 10 N, Cu ☔° | 10 N ☔° | 10 N — | 10 N — | 10 N — |
| Среднее. Mittel. | 3.7 | 3.9 | 3.8 | 3.9 | 3.7 | 3.4 |

Сумма явленій / Summe der Erscheinungen: 8 ☰, 33 ☼, 3 ⊕, 2 ◑, 13 ☙, 4 ☋, 191 ⚌, 133 ☔.



# Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit.

**Februar 1883.**

| 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|
| 1 S — | 4 N, S — | 2 N, S — | 2 S — | 2 S — | 3 S — | — |
| 1 S ⚌ | 1 S — | 2 S — | 2 S — | 4 N, S — | 4 S — | — |
| 7 N ☼° ⚌ | 6 N, CuS — | 6 CS ☼° | 10 N ☼° | 10 N ☼° | 10 N ☼° | — |
| 10 N ☔ | 6 N ☔ | 6 CuS ☔ | 5 CS ☔ | 10 N, S ☔ | 10 N ☔ | 0.2 |
| 0 | 2 Cu ☔ | 3 N, S ☔ | 2 S ☔ | 4 N ☔ | 2 N — | 0.1 |
| 0 ⚌ | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 0 — | 0 — | 1 S, C — | 2 S — | 2 S — | 2 CS — | — |
| 0 — | 1 S — | 1 C — | 2 C — | 2 C — | 2 C — | — |
| 1 CS — | 1 C — | 1 S — | 0 — | 0 — | 0 — | — |
| 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 0 — | 1 Cu — | 1 S, Cu — | 1 S, Cu — | 1 S — | 1 S ☰° | — |
| 0 — | 1 C, S — | 1 C — | 1 C — | 1 C — | 1 CS — | — |
| 1 S — | 2 N — | 7 N ☔ | 3 N ☔ | 2 N ☔ | 0 ☔ | — |
| 10 N ☔ | 10 N — | 10 N ☔ | 10 N ☔ | 10 N ☔ | 10 N, S ☔ | — |
| 3 CS — | 3 CS — | 2 S — | 4 CS — | 4 CS — | 4 CS — | — |
| 1 S — | 1 S — | 2 S — | 2 S — | 1 S — | 2 S — | — |
| 0 — | 0 — | 1 C — | 1 C — | 0 — | 0 — | — |
| 0 — ☾ | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 0 — | 1 CS — | 1 CS — | 1 CS — | 1 CS — | 1 CS — | — |
| 0 — | 0 — | 1 S — | 1 S — | 1 S — | 1 S — | — |
| 3 CS, S — | 3 SC — | 3 CS — | 4 CS ☰° | 4 CS ☰° | 3 S ☰° | — |
| 0 ☔ | 1 S ☔ | 5 S ☔ | 3 S ☔ | 0 ☔ | 0 ☔ | — |
| 0 ☔ | 0 ☔ | 3 C ☔ | 3 CS ☔ | 3 CS ☔ | 0 ☔ | — |
| 5 CS, S ☔ | 5 CS ☔ | 5 CS ☔ | 0 ☔ | 8 CCu ◑☔ | 8 N, C ◑☔ | — |
| 1 S — | 1 S — | 3 S — | 3 CS — | 7 CS — | 9 N, S — | — |
| 10 N — | 10 N — | 10 Cu, N — | 10 Cu, N ☼° | 10 N, Cu — | 10 Cu, N — | — |
| 2 Cu — | 10 Cu — | 10 Cu, N ☼° | 10 Cu, N ☼° | 10 Cu, N ☼° | 10 Cu, N ☼° | — |
| 2.0 | 2.5 | 3.1 | 2.9 | 3.5 | 3.3 | 0.3 |

| 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|
| 2 S — | 0 — | 0 ⚌ | 0 — | 0 ⚌ | 0 ⚌ | 1.7 |
| 9 N ⚌ | 10 N ⚌ ☼° | 10 N ⚌ ☼° | 10 N ☼° | 10 N ⚌ ☼° | 10 N ☼° | 5.7 |
| 10 N ⚌ ☔ | 10 N ⚌ ☔ | 9 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 9.3 |
| 7 N ⚌ | 1 N ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 6.6 |
| 0 ⚌ | 0 ⚌ | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 1.1 |
| 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 2 N ⚌ | 0 ⚌ | 0.1 |
| 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.2 |
| 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.9 |
| 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.8 |
| 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.2 |
| 0 — | 0 — | 0 ⚌ | 0 ⚌ | 1 C ⚌ | 0 ⚌ | 0.3 |
| 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ☋⚌ | 0.5 |
| 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.2 |
| 3 N ⚌ ☔ | 4 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 10 N ⚌ ☔ | 3.1 |
| 0 | 0 | 0 | 0 | 0 | 0 — | 7.2 |
| 3 S — | 2 S — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 2.8 |
| 3 S — | 4 CS — | 1 C — | 0 — | 0 ⚌ | 0 ⚌ | 1.2 |
| 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0.2 |
| 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0.0 |
| 1 CS — | 0 — | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0.5 |
| 0 — | 0 — | 0 — | 0 — | 0 ⚌ | 0 ⚌ | 0.3 |
| 1 S ⚌ | 1 S ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 0 ⚌ | 1.7 |
| 3 S ⚌ ☔ | 3 S ⚌ ☔ | 3 CS ⚌ ☔ | 3 S ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ ☔ | 2.3 |
| 0 ⚌ ☔ | 0 ⚌ ☔ | 0 ⚌ | 0 ⚌ | 0 ⚌ ☔ | 0 ⚌ ☔ | 0.4 |
| 6 S ☔ | 0 ⚌ ☔ | 3 S ⚌ | 2 S ⚌ | 1 S ⚌ | 1 S ⚌ | 4.5 |
| 10 Cu, N — | 10 N — | 10 N, S ⚌ | 10 N — | 9 N, S — | 9 N, S ⚌ | 6.1 |
| 10 N ☼° | 10 N — | 5 N, S ⚌ | 5 N, S ⚌ | 0 ⚌ | 0 ⚌ | 8.5 |
| 10 N — | 10 N — | 10 N ⚌ | 5 N ⚌ | 8 N ⚌ | 0 ⚌ | 6.5 |
| 2.8 | 2.3 | 2.2 | 2.0 | 1.8 | 1.4 | 2.6 |

# Облачность и форма облаковъ, осадки и прч.

**Мартъ 1883.**

Среднее мѣстное время.



# Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit.

**März 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6 CuS — | 3 CuS — | 2 CuS — | 0 — | 2 CuS — | 0 — | 1 CS, S — | 1 CS — | 1 S — | 1 S — | 1 S — | 2 C, S — | — |
| 2 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1 S — | 1 S — | 1 S — | 2 S — | 1 S — | — |
| 3 | 10 N ⁂° | 10 N ⁂° | 10 N ⁂° | 10 N ⁂° | 10 N ⁂° | 10 N — | 0 N, S — | 10 N ⁂° | 6 N, S — | 5 N, S — | 7 N, S — | 8 N, C — | — |
| 4 | 5 N, S ⁂ | 5 N, S ⁂ | 6 N, S ⁂ | 10 N ⁂ | 10 N, S ⁂ | S N, S ⁂ | 10 Cu, N ⁂ | 10 N, Cu ⁂ | 9 CCu ⁂ | 9 CCu ⊕⁂ | 10 CCu ⁂ | 10 CCu ⁂ | — |
| 5 | 0 — | 0 — | 0 — | 0 — | 0 — | 1 S — | 10 S — | 2 CS — | 2 CS — | 2 CS — | 2 CS — | 4 CS — | — |
| 6 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 ◐ | 0 ⊖ | 0 ⊖ | 0 — | 0 — | — |
| 7 | 0 — | 0 — | 0 — | 0 — | 1 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 8 | 0 — | 0 — | 0 — | 0 — | 2 S — | 1 S — | 1 S — | 2 S ◐ | 2 CS ◐ | 2 CS ◐ | 3 S, C — | 2 C — | — |
| 9 | 0 — | 0 — | 0 — | 1 S — | 3 S — | 1 S — | 2 CS, C ⁞·⁞ | 3 S ⁞·⁞ | 2 C ⁞·⁞ | 4 C ⁞·⁞ | 2 C ⁞·⁞ | 1 C ⁞·⁞ | — |
| 10 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1 CCu ⊕← | 0 ⊕← | 0 ⊕← | 0 ⊕← | — |
| 11 | 4 — | 0 — | 0 — | 1 S — | 3 CuS — | 10 CuS — | 3 S — | 4 CuS ⁂ | 10 N ⊕⁂° | 10 N ⊕⁂° | 10 N ⊕⁂° | 10 N ⊕⁂° | — |
| 12 | 7 Cu ⁂° | 5Cu ⁂° | 5 Cu — | 4 Cu — | 2 CuS — | 2 CuS — | 1 S, C, CCu — | 1 S — | 2 C — | 3 C — | 3 C — | 2 C — | 0.2 |
| 13 | 0 — | 0 — | 0 — | 1 C — | 1 S — | 2 S — | 1 S — | 2 S — | 1 C — | 5 C — | 9 C — | 3 C — | — |
| 14 | 9 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹⁂° | 10 N ⊹⁂° | 10 N ⊹⁂° | 10 N ⊹⁂° | 10 N ⊹⁂° | 10 N ⊹⁂° | 10 N ⊹⁂° | 10 N ⊹⁂° | — |
| 15 | 10 N — | 10 N ⁂° | 10 N ⊹ | 10 N ⊹ | 8 N, S ⊹ | 9 N, S, C ⊹⁂° | 9 C, CS, N ⁞·⁞ | 8 Cu, CS ⁞·⁞ | 7 C, CS ⁞·⁞ | 6 C, S ⁞·⁞← | 5 CS, C, S ⊕←⊹ | 4 C, CS ⊕← | — |
| 16 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 ⁞·⁞ | 0 — | 1 C — | 0 — | 0 — | 0 — | — |
| 17 | 1 C — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊹ | — |
| 18 | 0 Ω⊹ | 0 Ω⊹ | 0 Ω⊹ | 0 ⊹ | 1 S ⊹ | 2 S ⊹ | 2 CS, C ⊕⊹ | 2 S ⊕⊹ | 1 CS ⊕⊹ | 2 CS ⊕⊹ | 2 CS ⊕⊹ | 2 CS ⊕⊹ | — |
| 19 | 6 CS — | 6 C — | 6 C — | 6 CuS — | 7 S, Cu — | 8 CuS — | 8 C, CS, S — | 8 C, Cu, S — | 4 C — | 6 C ◐ | 5 C ⊕ | 2 C — | — |
| 20 | 2 C — | 1 C — | 2 C — | 3 CS — | 3 C, S — | 6 S, C — | 6 CS — | 7 S — | 4 C — | 3 Cu, C — | 2 C — | 0 — | — |
| 21 | 1 C — | 1 C — | 0 — | 0 — | 0 — | 3 Cu, CS — | 1 S — | 1 S — | 0 — | 1 S — | 1 S — | 0 — | — |
| 22 | 2 C Ω | 8 N Ω | 10 N — | 10 N — | 10 N — | 10 N ≡°⁂° | 10 N ⁂° | 10 N ⁂° | 6 N, S — | 9 N, S ⊕ | 9 N ⁂° | 8 N, S ⁂° | — |
| 23 | 10 N, Cu Ω | 3 CS Ω | 5 N, S — | 10 N, S — | 10 N — | 10 N ⁂° | 5 CuS — | 2 Cu, S — | 2 C — | 6 C — | 0 — | 0 — | — |
| 24 | 0 — | 1 C — | 1 C — | 0 — | 2 S — | 5 Cu, S, C — | 4 CS, C ⊹ | 4 Cu, S — | 10 C, CS — | 10 Cu, S — | 10 Cu, S — | 10 Cu, S — | — |
| 25 | 5 CuS — | 2 Cu — | 1 Cu Ω | 1 Cu — | 2 Cu, S — | 3 Cu, S — | 2 S, CS — | 3 CuS — | 2 Cu, C ⊕ | 4 CS ⊕ | 7 CS ⊕⊹ | 8 Cu, C ⊕⊹ | — |
| 26 | 0 Ω | 4 CS — | 3 CS — | 3 CS — | 6 CuS — | 8 CuS — | 9 C, S — | 5 C, S — | 10 C — | 7 C — | 5 C — | 5 C — | — |
| 27 | 0 — | 0 — | 0 — | 1 S — | 6 Cu, S — | 3 Cu, S — | 5 C, CS ⊕ | 5 Cu, S ⊕ | 1 CS — | 2 C, CS — | 2 S — | 2 S — | — |
| 28 | 0 — | 0 — | 1 Cu — | 1 CuS — | 10 N ⁂° | 8 N, CuS ⁂° | 3 C ⊕ | 8 CuS — | 10 C — | 9 Cu, C — | 9 Cu, C — | 9 C, S — | — |
| 29 | 5Cu, C — | 10 Cu — | 10 Cu — | 4 Cu, CS — | 10 Cu, C ⁞·⁞ | 10 Cu, S, C ⁞·⁞ | 7 CS, S ⁞·⁞ | 7 Cu, S, C — | 1 C — | 0 — | 0 — | 0 — | — |
| 30 | 0 — | 0 — | 0 — | 0 — | 1 Cu, C — | 0 — | 0 — | 0 — | 6 — | 0 — | 0 — | 0 — | — |
| 31 | 0 — | 1 Cu — | 3 Cu — | 3 S, C — | 8 Cu, C — | 8 Cu, C ⁂° | 9 C, CS, S, N ⁞·⁞ | 8 N, C, S — | 6 C, S ⊹° | 5 Cu, C ⁂° | 6Cu, CS ⁂° | 7 Cu, CS — | — |
| Среднее. Mittel. | 2.7 | 2.6 | 2.7 | 2.9 | 4.2 | 4.5 | 4.2 | 4.0 | 3.6 | 3.7 | 3.9 | 3.5 | 0.2 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 CS — | 1 CS — | 1 C — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1.0 |
| 2 | 0 — | 1 CS — | 3 CS — | 9 N, S — | 10 N — | 10 N — | 10 N — | 10 N — | 2 Cu — | 9 N — | 10 N — | 10 N ⁂° | 3.8 |
| 3 | 10 Cu — | 8 Cu — | 3 Cu — | 5 Cu ⊕ | 5 CCu ⊕ | 6 CCu — | 6 CCu — | 9 C, N — | 3 S — | 3 S — | 3 S — | 3 S ⁂°⊹ | 7.1 |
| 4 | 9 CCu — | 10 CCu ⁂°⊹ | 10 CCu ⊹ | 10 CCu ⊕ | 10 CCu — | 6 CS — | 8 N, Cu — | 2 S — | 0 — | 0 — | 0 — | 0 — | 7.0 |
| 5 | 3 C, CS ⊕ | 2 C — | 2 C — | 2 C, Cu ⊕ | 2 C — | 3 C — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1.5 |
| 6 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0.0 |
| 7 | 3 C — | 3 C — | 3 C — | 2 C — | 3 CS — | 3 CS — | 1 C — | 1 C — | 0 — | 0 — | 0 — | 0 — | 0.9 |
| 8 | 3 C ⊕ | 2 C ⊕ | 2 C ⊕ | 2 C ⊕ | 3 C ⊕ | 3 C — | 5 C — | 3 S — | 0 — | 0 — | 0 — | 0 — | 1.6 |
| 9 | 2 S ⊕ | 2 S ⊕← | 1 CS ⊕← | 0 ⊕ | 1 S ⊕ | 1 S — | 1 S — | 1 S — | 0 — | 0 — | 0 — | 0 — | 1.2 |
| 10 | 1 C — | 5 C, Cu — | 5 CCu — | 3 CuS — | 2 S ⊕ | 3 CS, C — | 2 CCu — | 1 C — | 0 — | 0 — | 0 — | 0 — | 1.0 |
| 11 | 10 N, S ⁂° | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 N, S — | 10 CuS — | 10 Cu ⁂° | 1 Cu — | 2 Cu — | 2 Cu — | 7 Cu ⁂° | 6.5 |
| 12 | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1.5 |
| 13 | 2 CS — | 3 CS — | 4 CuS — | 9 CuS — | 10 CuS — | 10 CuS — | 10 N — | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 8 N ⊹ | 5.0 |
| 14 | 10 N — | 10 N ⁂ | 10 N ⁂ | 10 N ⁂° | 10 N ⁂ | 10 N ⁂ | 10 N ⁂ | 10 N ⁂ | 10 N ⁂ | 10 N ⁂ | 10 N ⁂ | 10 N ⁂ | 10.0 |
| 15 | 3 C, CS — | 1 CS — | 1 CS — | 0 — | 1 S — | 2 Cu, C — | 1 Cu — | 0 — | 0 — | 0 — | 0 — | 0 — | 4.4 |
| 16 | 0 — | 0 — | 0 — | 0 — | 1 C — | 1 Cu, C — | 1 CuS — | 1 Cu — | 0 — | 0 — | 0 — | 0 — | 0.2 |
| 17 | 3 C ⊹ | 3 CuS ⊹ | 3 CuS ⊹ | 0 — | 3 Cu, S — | 3 Cu, C ⊹ | 5 N, S ⊹ | 2 C, S ⊹ | 0 ◐⊹ | 0 ◐⊹ | 0 ◐⊹ | 0 ◐⊹ | 1.0 |
| 18 | 0 ⊹ | 0 ⊕⊹ | 0 ⊕⊹ | 0 ⊕⊹ | 2 N ⊕⊹ | 0 ⊹ | 1 S ⊹ | 1 S ⊹ | 0 ◐⊹ | 0 ◐⊹ | 0 ◐⊹ | 0 ◐⊹ | 1.2 |
| 19 | 9 C — | 8 C — | 7 C — | 5 C — | 9 C — | 7 Cu, C — | 7 CS — | 6 Cu, C — | 6 C, CS ◐ | 6 C, CS ◐ | 5 C ⊹ | 6 C — | 6.3 |
| 20 | 1 C, CS — | 1 C, CS — | 1 C, CS — | 1 CS — | 1 C, CS — | 1 C — | 1 C — | 1 C — | 1 Cu, S ◐ | 0 ◐ | 0 ◐ | 2 CCu — | 2.1 |
| 21 | 0 — | 0 — | 1 CS — | 1 CS — | 2 CS ◐ | 2 CS — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0.8 |
| 22 | 8 N, S ⁂° | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 N — | 8 Cu — | 8 Cu — | 8 N, Cu — | 8.9 |
| 23 | 0 — | 0 — | 0 — | 1 Cu — | 1 Cu, S — | 1 CuS — | 2 CS — | 2 CS — | 0 — | 0 — | 0 — | 0 — | 2.7 |
| 24 | 5 Cu, C ⊕ | 3 CS ⊕ | 3 CS ⊕ | 4 CS ⊕← | 6 Cu, CS ⊕← | 8 Cu, CS — | 10 Cu — | 10 N, Cu — | 10 N — | 10 Cu, N — | 10 N, Cu — | 10 Cu — | 6.1 |
| 25 | 9 CS, Cu — | 8 CS, Cu ⊕ | 10 CCu — | 5 C — | 7 CCu — | 3 CCu — | 8 Cu, S — | 5 Cu, S — | 4 S, CS — | 3 S — | 2 S — | 1 S — | 4.5 |
| 26 | 3 C, CS — | 3 S, CS — | 2 S — | 2 C, CS — | 3 S, CS — | 3 S, CS — | 3 CS — | 3 CS — | 0 — | 0 — | 0 — | 0 — | 3.6 |
| 27 | 5 Cu, C — | 0 — | 0 ← | 1 C ← | 0 ← | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1.4 |
| 28 | 9 CS, C — | 10 Cu, CS — | 10 CCu — | 9 CCu — | 6 CCu ⊕° | 3 CCu — | 2 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 4.9 |
| 29 | 0 — | 1 C, S — | 1 C, S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 2.8 |
| 30 | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊹ | 1 S — | 1 CCu ⊹ | 1 Cu ⊹ | 1 Cu — | 1 Cu ⊹ | 1 Cu ⊹ | 1 Cu ⊹ | 0.3 |
| 31 | 5 C, CS — | 5 C — | 2 CS — | 0 — | 1 CCu — | 1 S — | 1 C — | 3 CuS — | 3 S, CS — | 3 S, CS — | 3 S, CS — | 9 CuS ⁂° | 4.5 |
| Среднее. Mittel. | 3.7 | 3.5 | 3.4 | 3.4 | 3.8 | 3.7 | 3.7 | 3.3 | 2.0 | 2.1 | 2.5 | 2.5 | 3.3 |

Сумма явлений / Summe der Erscheinungen: 1 ≡, 48 ⁂, 51 ⊕, 10 ◐, 13 Ω, 5 Ω, 11 ←, 143 ⁂, 87 ⊹, 15 ⁞·⁞.

# Облачность и форма облаковъ, осадки и прч.

**Апрѣль 1883.**

Среднее мѣстное время.



# Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit.

**April 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 CCu, S ⌭ | 7 Cu, CCu — | 3 Cu, CCu — | 2 Cu, C — | 2 CS, C — | 1 Cu, S — | 0 — | 2 CuS — | 1 S — | 1 S — | 1 S — | 0 — | — |
| 2 | 0 ⌭ | 1 Cu, S — | 2 CuS — | 2 CCu, S — | 2 Cu, S — | 2 Cu, S — | 1 S — | 2 CuS — | 0 ≡° | 1 S — | 1 S — | 1 CS, S — | — |
| 3 | 0 ⌭ | 3 CS, S — | 2 C, CS — | 1 C, CS — | 1 S — | 1 Cu, S — | 1 CS — | 2 CS — | 4 CS — | 6 CS, C — | 3 C, CS — | 2 C, CS — | — |
| 4 | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 N — | 10 N — | 10 Cu, N — | 10 N — | 10 CS, C — | 7 Cu, C — | 9 Cu, C — | 10 Cu — | — |
| 5 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 6 | 0 ⌭≡° | 0 — | 3 S — | 1 Cu, S ⊔° | 0 — | 0 — | 0 — | 0 — | 2 S — | 2 S — | 2 S — | 0 — | — |
| 7 | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N ⇢ | 10 N ⇢ | 10 Cu ⇢ | 10 Cu ⇢ | 10 N ⇢ | 10 N ⇢ | 10 Cu ⇢ | 10 Cu ⇢ | 10 Cu ⇢ | 10 Cu ⇢ | — |
| 8 | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✳° | 10 N ✳ | 10 N ✳ | 10 N ✳ | 10 N ✳ | — |
| 9 | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 Cu, N ✳° | 10 Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | — |
| 10 | 10 N ⇢ | 10 N, Cu ⇢ | 10 N, Cu ⇢ | 9 Cu, S — | 10 Cu, S — | 7 Cu, S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 11 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 4 C — | 5 C — | 5 C — | 7 C, CS — | — |
| 12 | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳ | 10 Cu, N ✳ | 10 Cu, N — | 9 Cu, S ✳° | 6 Cu, C, CS — | 10 Cu, S — | 7 C, S — | 4 C, S — | — |
| 13 | 9 C, S — | 9 C — | 0 — | 1 C, S — | 1 S — | 10 Cu, S — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu ✳° | 10 Cu, C — | 5 Cu, S — | 5 Cu, S — | — |
| 14 | 10 N, Cu ✳° | 10 N, Cu ✳° | 10 N, Cu ✳° | 10 Cu, N ✳° | 10 N, Cu ✳° | 10 N, Cu — | 10 N, Cu ✳° | 10 N, Cu ✳° | 10 Cu, N ✳° | 7 Cu, N ✳° | 10 Cu — | — | — |
| 15 | 10 Cu, N ✳° | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ⊕✳° | 10 CuS, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 1 Cu ✳° | 1 C — | 1 C — | — |
| 16 | 0 Ψ≡° | 0 ≡° | 0 ≡° | 0 ≡° | 0 ≡° | 0 ≡° | 0 — | 0 ⌭ | 0 — | 0 — | 1 S — | 1 S — | — |
| 17 | 8 Cu, S — | 8 Cu, S — | 10 Cu, N — | 10 Cu, S — | 10 Cu, S — | 9 Cu, S — | 10 Cu, S — | 10 CuS ✳ | 10 Cu — | 10 Cu, S — | 10 Cu, S — | 10 N, Cu — | — |
| 18 | 0 — | 0 — | 0 — | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 19 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 20 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 21 | 4 Cu, S — | 8 Cu, S — | 9 Cu, S — | 10 Cu, S — | 9 Cu, S — | 8 Cu, S ⊕ | 6 S, CCu — | 5 S, CCu — | 5 Cu, S, CS — | 10 Cu, C, CS — | 10 Cu, C, CS — | 8 Cu, C, CS — | — |
| 22 | 1 Cu, S — | 1 Cu — | 1 Cu — | 1 N, Cu — | 1 Cu, S — | 1 Cu, S — | 1 CS, S — | 1 Cu, S — | 0 — | 0 — | 1 C — | 1 Cu, C — | — |
| 23 | 1 Cu — | 1 Cu — | 1 C, S — | 2 Cu, C, S — | 2 Cu, C, S — | 1 CuS — | 0 — | 0 — | 1 S — | 0 — | 0 — | 0 — | — |
| 24 | 3 Cu, S, C ≡° | 5 Cu, S, C ≡° | 5 Cu, S, C ≡° | 3 C, S ≡° | 0 — | 0 — | 0 — | 0 — | 3 C, CS ⇢ | 2 C. CS ⇢ | 5 CS ⇢ | 6 S, CS ⇢ | — |
| 25 | 1 S ⇢ | 2 S, Cu ⇢ | 3 Cu, S ⇢ | 3 Cu, S ⇢ | 4 Cu ⇢ | 4 Cu ⇢ | 2 Cu, S ⊕⇢ | 2 Cu, S ⊕⇢ | 3 Cu, S ⊕⇢ | 3 Cu, S ⇢ | 5 Cu ⇢ | 6 Cu ⇢ | — |
| 26 | 1 Cu, S — | 1 Cu, S — | 1 Cu, S — | 1 Cu, S — | 1 S — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | — |
| 27 | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | — |
| 28 | 10 N, Cu — | 10 N, Cu — | 5 Cu, S — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | 9 Cu, C — | — |
| 29 | 2 Cu — | 3 Cu — | 10 Cu — | 9 Cu — | 9 CuS — | 8 CuS — | 1 CS — | 1 Cu, S — | 3 Cu — | 2 Cu, S — | 1 Cu, S — | 1 S — | — |
| 30 | 10 N, Cu — | 10 N, Cu — | 10 N, Cu ✳° | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N ✳° | 10 N, Cu ✳° | 10 Cu, N — | 10 Cu, N — | 5 Cu, C — | 10 Cu — | — |
| Среднее. Mittel. | 4.8 | 5.3 | 5.2 | 5.2 | 5.1 | 5.4 | 4.8 | 4.9 | 5.1 | 5.0 | 4.7 | 4.8 | 0.0 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 ⊕✳° | 0 ⊕ | 0 — | 0 — | 0 — | 0 — | 0 — | 8 Cu, S — | 0 — | 3 S — | 1 S ⌭ | 0 ⌭ | 1.5 |
| 2 | 1 CS — | 3 C — | 1 C — | 1 C — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0.9 |
| 3 | 7 C, CS, S — | 7 CS, C — | 8 CS, C — | 7 CS, C — | 9 CS — | 9 CS ◫ | 0 — | 0 Cu — | 10 Cu — | 3 Cu ⌭ | 9 Cu, CCu — | 10 Cu, CCu — | 5.2 |
| 4 | 10 Cu — | 10 Cu — | 10 Cu — | 2 C, S — | 1 CuS — | 0 — | 5 CCu — | 1 Cu — | 1 S ⌭ | 0 ⌭ | 0 ⌭ | 0 — | 6.5 |
| 5 | 0 — | 0 — | 0 — | 0 — | 1 C, S — | 1 C, S — | 0 — | 1 S — | 1 S — | 1 S — | 3 Cu, S — | 10 N — | 0.8 |
| 6 | 0 — | 0 ⇢ | 0 — | 1 C, Cu — | 1 CCu — | 1 CCu — | 1 S — | 1 Cu, C — | 4 C, S — | 4 Cu — | 9 Cu — | 10 Cu — | 1.8 |
| 7 | 10 Cu ⇢ | 10 Cu ⇢ | 8 Cu ⇢ | 3 Cu, S ⇢ | 10 N, Cu ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 9.6 |
| 8 | 10 N, Cu ✳°⇢ | 10 N, Cu ✳°⇢ | 10 N, Cu ✳° | 10 N, Cu ✳°⇢ | 10 N, Cu ✳°⇢ | 10 N, Cu ✳°⇢ | 10 N ✳°⇢ | 10 N ✳°⇢ | 10 N ⇢ | 10 N ⇢ | 9 N, Cu ⇢ | 9 N, Cu ⇢ | 9.9 |
| 9 | 10 N ✳⇢ | 10 N ✳°⇢ | 10 N ✳°⇢ | 10 N ✳°⇢ | 10 N ✳°⇢ | 10 N ✳°⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10 N ⇢ | 10.0 |
| 10 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 2.3 |
| 11 | 7 C, CS — | 7 C, S — | 7 C, S — | 7 C, S ◫ | 10 Cu — | 10 N, Cu ≡° | 10 N, Cu ≡° | 10 N, Cu, S ≡° | 10 Cu, CCu — | 10 N, Cu — | 10 N, Cu ✳° | 10 N, Cu, C ✳° | 5.7 |
| 12 | 10 Cu, CCu — | 10 Cu, S — | 9 Cu, S — | 10 Cu, N — | 10 Cu, C — | 10 N, Cu ✳° | 10 Cu ✳° | 4 Cu, N, S — | 10 N, CuS ✳° | 10 N, Cu ✳° | 10 Cu, N — | 10 Cu, N — | 9.1 |
| 13 | 9 Cu, S ✳° | 9 Cu, N, S — | 7 Cu, N, S — | 10 Cu, N — | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 N ✳° | 10 N ✳°⇢ | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N — | 8.1 |
| 14 | 9 Cu, S, CS — | 10 Cu, S — | 9 Cu, S — | 10 Cu, S — | 10 Cu, N — | 10 Cu, N ✳° | 10 N, Cu ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 Cu, N ✳° | 10 N, Cu ✳° | 9.8 |
| 15 | 2 C, CS — | 2 C, CS — | 3 C, CS — | 3 C, CS, S — | 1 C — | 0 — | 0 — | 0 — | 1 S — | 0 — | 0 ≡ | 0 Ψ≡ | 4.4 |
| 16 | 0 — | 0 — | 5 Cu, S — | 6 Cu, S — | 7 Cu, S — | 8 Cu, S, C — | 10 N, CS — | 10 N, Cu — | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 3.7 |
| 17 | 3 Cu, S, N — | 1 Cu — | 1 CCu — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 5.0 |
| 18 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0.0 |
| 19 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 |·⇢ | 0 — | 0 — | 0 Ψ° | 0.0 |
| 20 | 1 S, CS |·⇢ | 0 ⇢ | 1 CS ⇢ | 1 CS ⇢ | 1 CS ⊕⇢ | 7 Cu, C, S |·⇢ | 9 Cu, C, S — | 8 Cu, S ✳° | 7 Cu, S — | 5 Cu, C, S — | 1.9 |
| 21 | 7 Cu ⇢ | 5 Cu ⇢ | 3 Cu, S ⇢ | 2 Cu ⇢ | 3 Cu ⇢ | 3 Cu ⇢ | 1 S — | 1 Cu, S — | 1 S, CS — | 1 Cu, S — | 1 Cu, S — | 1 Cu, S — | 5.0 |
| 22 | 2 C, CS — | 3 Cu, S — | 5 C, S — | 5 Cu, C, S — | 6 Cu, S, C — | 5 Cu, C, S — | 2 CCu, CS, S — | 8 CCu, CS, Cu — | 8 CS, S, Cu — | 2 Cu, S — | 1 Cu, CS — | 1 CS — | 2.4 |
| 23 | 5 CuS — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 3 Cu — | 2 Cu |·⇢ | 8 Cu, C — | 10 Cu — | 3 Cu, C, S — | 4.0 |
| 24 | 6 S, CS ⇢ | 5 S, Cu ⇢ | 6 Cu ⇢ | 8 Cu ⇢ | 8 Cu ⇢ | 8 Cu ⇢ | 10 Cu ⇢ | 10 Cu, C — | 10 C, CS, Cu ⇢ | 10 Cu, C ⇢ | 9 Cu, C ⇢ | 9 Cu, C ⇢ | 5.5 |
| 25 | 3 Cu ⇢ | 4 Cu ⇢ | 0 ⇢ | 0 ⇢ | 0 ⇢ | 0 ⇢ | 0 — | 0 ⇢ | 0 — | 0 — | 0 — | 1 S — | 1.9 |
| 26 | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N — | 10 N — | 10 N — | 10 N — | 8.1 |
| 27 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10.0 |
| 28 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 N, Cu ✳° | 10 Cu, N ✳° | 10 Cu ✳° | 1 Cu, S ✳° | 1 S ✳° | 1 Cu, S ✳° | 1 Cu, S ⇢ | 1 Cu, S — | 7.9 |
| 29 | 7 CS, Cu — | 9 Cu, S — | 9 Cu, S — | 7 Cu — | 10 Cu, S — | 10 Cu, S, N — | 10 Cu — | 9 Cu — | 9 Cu — | 9 Cu — | 10 Cu — | 10 Cu, N — | 6.6 |
| 30 | 10 N, Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 N — | 10 N — | 10 N — | 10 N — | 9.8 |
| Среднее. Mittel. | 5.3 | 5.5 | 5.4 | 5.1 | 5.6 | 5.5 | 5.6 | 5.5 | 5.7 | 5.4 | 5.4 | 5.6 | 5.2 |

Сумма явленій / Summe der Erscheinungen: 1 ⊔, 17 ≡, 83 ✳, 8 ⊕, 2 ◫, 3 Ψ, 11 ⇢, 11 ⌭, 103 ⇢, 5 |·|.

# Облачность и форма облаковъ, осадки и прч.

**Май 1883.** Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 10 N ⚹ | 10 N ⚹ | 10 N ⚹ | 10 N ⚹ | 10 N ⚹ | 10 N ⚹ |
| 2 | 1 C — | 2 C, S — | 8 Cu, C — | 9 Cu — | 7 Cu, S — | 8 Cu, S ⚹ |
| 3 | 10 Cu, S — | 10 N, Cu — | 10 N, Cu ⚹° | 10 N, Cu ⚹° | 10 N — | 10 N ⚹° |
| 4 | 5 Cu, C, S — | 9 Cu, N, S — | 9 Cu, C — | 9 Cu, N — | 8 CCu, S — | 2 CS — |
| 5 | 2 N, Cu, S — | 1 N, S — | 2 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — |
| 6 | 5 Cu, S — | 10 Cu — | 10 Cu ≡ | 10 Cu, N ≡ | 10 Cu, N ⚹° | 10 Cu, N ⚹° |
| 7 | 10 N ⚹°⊹ | 10 N ⚹°⊹ | 10 N, Cu, S ⚹°⊹ | 10 N, Cu ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ |
| 8 | 10 N ⚹⊹ | 10 N ⚹⊹ | 10 N ⚹⊹ | 10 N — | 10 N ⊹ | 10 Cu, N ⊕⊹ |
| 9 | 10 Cu, N, S ⚹° | 5 Cu, S — | 5 Cu, C V≡² | 9 Cu ⊔≡° | 10 Cu, S ⊔≡° | 10 CuS, N — |
| 10 | 10 Cu, N — | 10 N, Cu ⚹° | 10 N, Cu ⚹° | 10 N, Cu — | 10 N, S, Cu — | 9 Cu, S — |
| 11 | 10 N, Cu, S — | 10 N, Cu, S — | 10 Cu, N, S — | 10 Cu — | 8 Cu, C, S — | 9 Cu — |
| 12 | 10 Cu ⊹ | 10 Cu, N ⊹ | 9 Cu, S ⊹ | 10 Cu, S ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ |
| 13 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 7 Cu, N ≡°⊹ | 5 CuS, N ⊕⊹ |
| 14 | 10 CCu, S ⊹ | 9 CCu ⊹ | 9 Cu, C ⊹ | 9 Cu, C ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ |
| 15 | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 Cu, N ⊹ | 10 N ⊹ |
| 16 | 10 Cu, N — | 10 Cu, N — | 9 Cu, C, CS — | 10 Cu, N, S — | 10 Cu, N — | 10 N, Cu — |
| 17 | 10 N — | 10 N — | 10 N — | 10 N △ | 10 N — | 10 N — |
| 18 | 10 Cu, N ⊹° | 10 Cu, N ⊹ | 9 Cu, C ⊹ | 10 Cu, N — | 10 Cu, N ⊹ | 10 Cu, N ⊹ |
| 19 | 10 N ⚹ | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N ⚹ |
| 20 | 10 N ⊹ | 10 N ⊹ | 10 N, Cu — | 10 Cu, N ⚹° | 10 Cu, N — | 10 Cu, N — |
| 21 | 1 Cu, S — | 1 Cu, S — | 1 Cu, S — | 3 N, CS — | 10 Cu, N — | 8 Cu — |
| 22 | 10 Cu, N ⚹° | 10 Cu, N — | 9 Cu, N — | 10 Cu, N ⚹° | 10 N ⚹⊹ | 10 N ⚹⊹ |
| 23 | 10 N ⚹° | 10 N, Cu ⚹° | 10 N, Cu ⚹° | 10 N, Cu — | 10 Cu, N ⚹⊹ | 10 Cu, N ⚹°⊹ |
| 24 | 6 Cu, C — | 6 Cu, C, S — | 9 C, S — | 9 CCu, CS — | 9 C, S, Cu — | 8 C, S ⊕⚹°≡° |
| 25 | 8 Cu ⚹ | 10 Cu, N — | 10 Cu, N — | 9 Cu — | 10 Cu, N — | 10 Cu ≡ |
| 26 | 10 N ⚹° | 10 N ⚹° | 10 N ⚹° | 10 N ⚹° | 10 N ⚹° | 10 Cu, N ⚹° |
| 27 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — |
| 28 | 10 Cu — | 10 Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, CuS ⚹° | 10 N, Cu ⚹° |
| 29 | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, S — | 10 Cu, S, N — | 9 Cu, S — |
| 30 | 10 N ⚹ | 10 N ⚹° | 10 N ⚹ | 10 N ⚹ | 10 N ⊹ | 10 N ⚹°⊹ |
| 31 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — |
| Среднее Mittel | 8.6 | 8.8 | 9.0 | 9.6 | 9.6 | 9.3 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | 10 Cu, N ⚹° | 10 Cu, N ⚹° | 10 Cu, N ⚹° | 10 Cu, N ⚹° | 10 Cu, N ⚹° | 10 N ⚹° |
| 2 | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N — | 10 N ⚹° | 10 N ⚹° |
| 3 | 2 CCu — | 10 Cu, S ⊹° | 10 Cu, S ⊹ | 9 Cu, S — | 9 CuS, N — | 10 N, CuS — |
| 4 | 0 — | 0 — | 0 — | 2 Cu, S — | 4 CS, Cu — | 4 CS, Cu — |
| 5 | 3 C, CS, Cu — | 3 Cu, S — | 3 Cu, C, S — | 4 Cu, C, S — | 7 Cu, C, S — | 9 Cu, S, C ⊹ |
| 6 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 8 Cu — | 3 Cu, N — |
| 7 | 10 C, S, Cu — | 10 Cu, S — | 9 S — | 10 Cu, S ⚹° | 10 Cu, N ⚹° | 10 Cu, N ⚹° |
| 8 | 7 Cu, C, N — | 6 Cu, C, S — | 4 Cu, N, S — | 9 Cu, N — | 8 N, Cu — | 9 N, Cu — |
| 9 | 10 Cu ⚹° | 10 Cu, C — | 10 Cu ⚹ | 10 Cu ⚹° | 10 Cu ⚹° | 10 Cu — |
| 10 | 2 C — | 2 C — | 1 S — | 1 S — | 2 CS — | 2 CS — |
| 11 | 2 C, CS, S ⊹ | 1 Cu, S ⊹ | 1 Cu ⊹ | 1 Cu, S ⊹ | 1 Cu, S ⊹ | 1 Cu, S ⊹ |
| 12 | 9 Cu — | 9 Cu — | 9 Cu — | 4 Cu, C — | 7 CCu, S — | 10 CCu — |
| 13 | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊹ | 0 ⊕⊹ | 0 ⊕⊹ |
| 14 | 10 N, S ⊹ | 10 Cu, N ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 Cu, N ⊹ |
| 15 | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 N, Cu ⊹ |
| 16 | 10 N — | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — |
| 17 | 9 Cu, CS, N — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — |
| 18 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — |
| 19 | 10 N — | 10 N — | 10 N ⚹° | 10 N ⚹° | 10 Cu, N ⚹ | 10 Cu, N ⚹ |
| 20 | 10 Cu — | 10 Cu ⚹ | 10 Cu ⚹ | 10 Cu ⚹ | 10 Cu — | 10 Cu, N ⚹° |
| 21 | 4 Cu, CCu — | 4 Cu, CCu — | 8 Cu, CCu — | 10 Cu, CCu — | 10 Cu, N, S — | 10 Cu, N, S — |
| 22 | 10 C, S, CS — | 10 Cu, N, S — | 10 Cu, N ⚹° | 10 N ⚹ | 10 N ⚹ | 10 Cu, N ⚹° |
| 23 | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 Cu, N ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ |
| 24 | 7 Cu, CS — | 10 Cu, C — | 9 Cu — | 7 Cu, S — | 7 Cu, S — | 8 Cu, S — |
| 25 | 10 Cu — | 10 Cu — | 1 Cu, C — | 1 Cu, C — | 1 Cu, C — | 1 Cu, C — |
| 26 | 10 Cu — | 10 Cu — | 10 Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — |
| 27 | 10 N — | 10 N — | 10 N, Cu — | 10 N, Cu ⚹° | 9 Cu, S — | 10 N — |
| 28 | 1 S — | 9 CuS — | 5 CCu, S — | 10 Cu — | 10 Cu — | 10 Cu — |
| 29 | 10 N ≡° | 10 N ≡° | 10 N ≡° | 10 N ≡° | 10 N ≡° | 10 N ≡ |
| 30 | 10 Cu ⚹² | 10 Cu, N ⚹² | 10 Cu, N ⚹° | 10 Cu, N ⚹° | 10 Cu, N — | 9 Cu, N — |
| 31 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — |
| Среднее. Mittel. | 7.6 | 8.2 | 7.8 | 7.9 | 8.1 | 8.3 |

Сумма явлений / Summe der Erscheinungen: 1 △, 3 ⊔, 1 V, 20 ≡, 152 ⚹, 20 ⊕, 177 ⊹, 3 ⁞·⁞, 3 ●, 1 ←.



# Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit. **Mai 1883.**

| Число. Datum. | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|---|
| 1 | 10 N ⚹ | 10 Cu, N ⚹ | 10 N ⚹° | 10 N ⚹° | 10 N ⚹° | 10 N ⚹° | — |
| 2 | 9 C, CS, S ⊹ | 8 C, S ⊕⊹ | 10 Cu ⊹ | 10 Cu ⊹ | 10 Cu ⊹ | 10 Cu ⊹ | — |
| 3 | 10 N ⚹ | 10 N ⚹ | 10 N ⚹° | 10 Cu, N — | 2 C, S — | 2 C, S — | 1.0 |
| 4 | 1 S — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 5 | 10 Cu ⊔⚹° | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, S — | 7 Cu, S — | — |
| 6 | 10 N ⚹° | 10 Cu, N ⚹ | 10 N ⚹° | 10 Cu, N ⚹° | 10 N, Cu ⚹° | 10 Cu ⚹° | — |
| 7 | 10 N — | 10 N — | 10 N — | 10 N, CuS — | 10 Cu, N, S — | 10 S — | 0.2 |
| 8 | 10 N, CS, Cu ⚹° | 10 Cu, N ⚹° | 10 N, Cu — | 10 N, Cu — | 9 Cu, S — | 7 Cu, S — | 0.2 |
| 9 | 10 N — | 10 N, S ⚹° | 10 N ⚹° | 10 N ⚹° | 10 N, Cu ⚹° | 10 N, Cu ⚹° | 0.3 |
| 10 | 9 Cu ⊕ | 9 Cu, S ⊕⚹° | 5 Cu, C, S — | 6 CCu, S — | 3 C, S — | 5 CS — | — |
| 11 | 10 Cu, S — | 9 Cu — | 10 Cu — | 7 CuS — | 8 Cu ⊹ | 2 S ⊹ | — |
| 12 | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 N, Cu — | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 Cu, N ⚹°⊹ | — |
| 13 | 4 Cu, C, S ⊕⊹ | 5 Cu, S ⊕⊹ | 2 CCu ⊹ | 1 C, S ⊹ | 0 ⊹ | 0 ⊹ | — |
| 14 | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 0.2 |
| 15 | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 0.1 |
| 16 | 9 Cu — | 9 Cu — | 10 N, Cu — | 10 N, Cu — | 10 Cu, N — | 10 N, Cu — | 0.1 |
| 17 | 10 N — | 10 N — | 10 N — | 10 N ⚹° | 10 N — | 10 N — | 0.2 |
| 18 | 10 N, Cu ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | — |
| 19 | 10 N — | 10 N ⊹ | 10 Cu ⊹ | 10 N, Cu ⊹ | 10 N — | 10 N — | 0.9 |
| 20 | 10 N, Cu — | 6 Cu — | 10 Cu — | 1 Cu, N — | 3 N, Cu, C — | 10 Cu, N ⚹° | — |
| 21 | 9 Cu, S, C — | 10 Cu, S — | 10 Cu, S — | 10 Cu — | 9 S, C — | 9 Cu, S — | — |
| 22 | 10 N, Cu ⚹°⊹ | 10 CuS, N — | 8 Cu, C, S — | 9 Cu, C, S — | 10 Cu, S — | 10 C, S, N — | 0.2 |
| 23 | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N ⊹ | 10 Cu, N ⊹° | 10 Cu ⊹° | 10 Cu ⊹° | 1.0 |
| 24 | 10 CS, C ⊕ | 10 CS, Cu ⊕⚹° | 10 S, Cu ⊕ | 10 Cu, N — | 9 S, CCu ⊕ | 9 S, CCu — | — |
| 25 | 10 Cu ⚹° | 10 Cu, N — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | — |
| 26 | 10 N, S ⚹° | 10 CuS, N ⚹° | 10 Cu — | 10 Cu — | 6 Cu — | 8 Cu — | 0.3 |
| 27 | 10 N — | 10 N — | 10 N — | 10 N ⚹° | 10 N ● | 10 N — | — |
| 28 | 10 Cu, N — | 10 Cu, N ● | 10 N ● | 10 N, Cu — | 10 Cu, N ● | 5 Cu, S — | 1.3 |
| 29 | 10 N, S ⚹⊹ | 10 Cu, S — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | — |
| 30 | 10 N ⚹⊹ | 10 N ⚹⊹ | 10 N ⚹⊹ | 10 N ⚹⊹ | 10 N ⚹⊹ | 10 N ⚹⊹ | 0.7 |
| 31 | 10 Cu — | 10 Cu, N — | 10 Cu, S — | 10 Cu, N — | 10 Cu — | 10 Cu — | — |
| Среднее Mittel | 9.4 | 9.2 | 9.2 | 8.8 | 8.3 | 8.2 | 6.7 |

| Число. Datum. | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|
| 1 | 10 N — | 10 N — | 1 S — | 0 ⁞·⁞ — | 0 — | 0 — | 8.4 |
| 2 | 10 N — | 10 N, Cu ⊹ | 2 Cu, C — | 1 Cu, S — | 1 S — | 9 N, Cu, S — | 7.7 |
| 3 | 4 Cu, S — | 5 Cu, S — | 8 Cu, S — | 7 CuS, C — | 3 Cu, CS — | 4 S, Cu — | 7.7 |
| 4 | 8 Cu, S, C — | 10 N — | 10 N, S ⚹° | 10 N, Cu — | 10 N, Cu ⚹° | 10 N, Cu, S — | 4.5 |
| 5 | 10 Cu, S ⊹ | 10 Cu, S ⊹ | 7 Cu, C ⁞·⁞ | 7 Cu, C, S ⁞·⁞⊹ | 7 Cu, S, C — | 3 Cu, S, C — | 6.9 |
| 6 | 10 Cu ⊹ | 10 Cu ⊹ | 10 N, Cu ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 Cu, N ⚹°⊹ | 9.4 |
| 7 | 10 N ⚹° | 10 N ⚹°⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10.0 |
| 8 | 10 N ⚹° | 10 N, S ⚹ | 10 Cu, N ⚹° | 10 Cu, N ⚹ | 10 Cu, N, C ⚹° | 10 Cu, N, C ⚹° | 9.1 |
| 9 | 5 Cu, S ← | 3 Cu ← | 7 C, CS — | 5 S, C — | 9 Cu — | 10 Cu — | 8.7 |
| 10 | 7 N, Cu, C — | 2 N, Cu, S — | 2 S, CS, C — | 1 N, S — | 2 N, S — | 9 N, S — | 5.4 |
| 11 | 2 Cu, S ⊹ | 7 N, C, S — | 8 Cu, C, S — | 10 N, Cu, S ⊹ | 10 Cu, S, N ⊹ | 10 Cu, N, S ⊹ | 6.5 |
| 12 | 9 CuS — | 10 Cu — | 10 N, Cu — | 10 N, Cu — | 8 Cu — | 10 N, Cu — | 9.4 |
| 13 | 2 Cu ⊕⊹ | 1 Cu ⊹ | 2 S ⊕⊹ | 2 S ⊕⊹ | 3 Cu, S ⊕⊹ | 3 Cu, S ⊕⊹ | 3.1 |
| 14 | 10 Cu, N ⊹ | 10 Cu, N ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 10 N, Cu ⊹ | 9.9 |
| 15 | 10 N, Cu ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N ⊹ | 10 N, Cu ⊹ | 10 Cu, N ⊹ | 10.0 |
| 16 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 9.9 |
| 17 | 10 N, Cu — | 10 N, Cu ⊹ | 10 N ⚹° | 10 N ⚹ | 10 Cu, N ⚹° | 10 N, Cu ⊹ | 10.0 |
| 18 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ⚹ | 10 N ⚹ | 10.0 |
| 19 | 10 N — | 10 Cu, N — | 8 Cu, S — | 9 Cu, N — | 9 Cu, N, S — | 10 Cu, N — | 9.8 |
| 20 | 10 Cu, N ⚹° | 10 Cu, N — | 6 Cu, C — | 7 Cu, S — | 5 Cu — | 3 Cu, S — | 8.4 |
| 21 | 9 Cu, N, S — | 10 Cu, N — | 10 N, Cu — | 10 Cu, N ⚹ | 10 Cu, N ⚹° | 10 Cu, N ⚹° | 7.7 |
| 22 | 10 Cu, N ⚹°⊹ | 10 N ⚹ | 8 CS, C, S — | 10 Cu, N — | 10 N ⚹ | 10 Cu, N ⚹ | 9.8 |
| 23 | 10 Cu, N ⊹ | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu ⚹° | 10.0 |
| 24 | 7 CCu, CS — | 7 C, CS, Cu — | 5 C, CS — | 10 CCu, N — | 10 Cu, N ⚹° | 10 N ⚹ | 8.4 |
| 25 | 1 CuS — | 2 Cu, C ⊕ | 10 Cu, N — | 10 Cu, N — | 9 Cu, N — | 9 Cu, N — | 7.6 |
| 26 | 10 N — | 10 N — | 10 Cu — | 10 N, Cu — | 10 Cu, N — | 10 N, Cu — | 9.8 |
| 27 | 10 Cu, N — | 10 N, Cu — | 10 N — | 10 Cu — | 10 Cu — | 10 Cu — | 9.9 |
| 28 | 9 Cu, CS — | 10 Cu — | 8 Cu, S — | 10 Cu — | 10 Cu — | 10 Cu — | 9.0 |
| 29 | 10 N ≡ | 10 N ≡ | 10 Cu ≡ | 10 Cu, N ●≡° | 10 Cu, N ●≡° | 10 N, Cu ⚹°≡ | 10.0 |
| 30 | 10 Cu, CCu — | 10 Cu, N — | 4 Cu, C, S — | 3 Cu, N, S — | 9 Cu, C, N — | 10 Cu, N — | 9.4 |
| 31 | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N — | 10.0 |
| Среднее. Mittel. | 8.5 | 8.6 | 7.9 | 8.1 | 8.3 | 8.6 | 8.6 |

## Облачность и форма облаковъ, осадки и прч.

**Іюнь 1883.** Среднее мѣстное время.



## Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit. **Juni 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlag-menge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N — | 10 Cu, N — | 10 N — | 10 N — | 10 N, Cu — | 10 Cu — | — |
| 2 | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 CuS, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | — |
| 3 | 10 N — | 10 N △⁰ | 10 N — | 10 N — | 10 N ⚹⁰ | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 1.4 |
| 4 | 8 N, CuS — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu ⚹⁰ | 10 N ⚹ | 10 N ⚹ | 10 N, Cu — | 10 N ⚹⁰ | 10 N ⚹⁰ | 10 N ⚹⁰ | 10 N ⚹⁰ | 4.0 |
| 5 | 10 N, Cu ⸭ | 10 Cu, N ⸭ | 10 Cu, N ⸭ | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 0.1 |
| 6 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, S, Cu — | 10 N, Cu — | 10 Cu — | 10 Cu, S — | 10 Cu, S — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 7 | 9 Cu — | 9 Cu — | 9 Cu, S, C — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N — | 9 Cu, N — | 9 Cu, N — | 10 Cu, N ⸭ | 10 Cu, N ⸭ | 10 Cu — | — |
| 8 | 3 Cu, S — | 2 Cu, S — | 2 Cu, S ⸭ | 2 Cu, S — | 1 CS, C — | 1 C ⸭ | 0 ⸭ | 3 CS, C ⸭ | 1 C ⸭ | 1 C — | 1 C — | 1 C — | — |
| 9 | 9 C, CS ⸭ | 9 C, CS ⸭ | 8 C, CS ⸭ | 7 C, CS ⸭ | 5 C, S ⸭ | 8 CS, C ⸭ | 6 S, CS, Cu — | 7 C, S, Cu — | 3 Cu — | 2 Cu — | 1 Cu — | 1 Cu — | — |
| 10 | 10 Cu — | 10 Cu — | 10 Cu, N ⚹⁰ | 10 Cu, N ⚹⁰ | 10 N ⸭ | 10 N, Cu ⸭ | 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 Cu, N — | 1 Cu, N — | 0.1 |
| 11 | 10 N ⚹⁰ | 10 N ⚹⁰ | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N ⚹⁰ | 8 Cu, N — | 10 N, Cu — | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 0.1 |
| 12 | 9 C, N — | 10 N ⚹ | 9 N, C — | 9 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N ⚹ | 10 N ⚹⁰ | — |
| 13 | 10 N — | 10 N — | 10 S, CS — | 5 C, CS — | 4 CCu, N — | 3 CCu, S — | 1 C, S — | 0 — | 0 ≡⁰ | 0 ≡ | 10 Cu, S ≡⁰ | 10 Cu ≡⁰ | — |
| 14 | 10 N ≡ | 10 N △ | 10 N ⚹ | 10 N ⚹⁰ | 10 N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 7 N — | 7 C, Cu — | 4 C — | 2 C — | — |
| 15 | 10 Cu, N, S — | 10 Cu, N, CS — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 9 N, C — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 9 Cu, N — | 9 Cu, N, S — | 9 Cu, S — | — |
| 16 | 8 Cu, C ≡⁰ ⁀ | 1 C, CS ≡⁰ ⁀ | 1 Cu, C ≡⁰ ⁀ | 6 Cu ≡⁰ ⁀ | 7 Cu, S ≡⁰ ⁀ | 5 Cu, C ≡⁰ ⁀ | 8 C, S, CS — | 7 Cu, C, S ≡⁰ ⊕ | 10 Cu, S — | 10 Cu, S — | 10 S, Cu — | 10 Cu, S — | — |
| 17 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ≡⁰ | 10 N ≡ | 10 N ≡ | — |
| 18 | 10 N — | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ● | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu, C — | 10 N, Cu — | — |
| 19 | 10 Cu, N ≡ | 10 Cu, N ≡ | 9 Cu, N ≡ | 9 Cu, N — | 10 N, Cu — | 6 N, C — | 9 C, CS, Cu — | 8 C, N ≡⁰ | 10 Cu — | 5 Cu, CCu — | 1 Cu, C, CS — | — | — |
| 20 | 5 N — | 0 — | 0 — | 0 — | 0 — | 3 Cu, CCu — | 10 Cu, N ≡⁰ | 10 Cu, N — | 9 Cu, N ≡⁰ | 9 Cu, N ≡⁰ | 10 Cu — | 10 Cu — | — |
| 21 | 10 N ●⁰ | 10 N, Cu ⁀ | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 7 Cu — | 9 Cu — | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 22 | 8 Cu, C ⁀ | 3 Cu ⁀ | 3 Cu ⁀ | 6 Cu ⁀ | 10 Cu, N ⁀ | 8 Cu ⁀ | 7 N, Cu — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | — |
| 23 | 10 Cu, N ≡ | 6 Cu, N — | 10 Cu, N — | 10 Cu, N ≡ | 10 Cu, N ≡ | 10 Cu, N ≡ | 10 N ≡⁰ | 10 Cu, N — | 10 N — | 10 N — | 10 N — | 10 N — | 0.5 |
| 24 | 8 Cu, S — | 10 Cu, N — | 9 Cu, S — | 8 N, S, C — | 10 Cu, S — | 10 Cu, S — | 10 Cu, N ● | 9 CuS — | 8 CuS — | 3 CuS, C — | 3 CuS, C — | 3 CuS, C — | 2.2 |
| 25 | 10 Cu, N — | 10 Cu, N, S — | 9 Cu, S, C — | 9 Cu, S, C — | 10 Cu, S, C — | 10 Cu, S — | 9 Cu — | 9 CuS — | 8 CuS — | 8 CuS — | 7 CuS — | 7 S, Cu — | — |
| 26 | 7 Cu, S — | 7 Cu, S — | 8 Cu, S — | 9 Cu, N, S — | 10 Cu, N — | 10 N, Cu — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, S, Cu — | 10 CS, Cu — | 10 N, S, CCu — | 2.2 |
| 27 | 9 CCu, S — | 8 C, CS — | 7 CS, Cu — | 3 CCu — | 1 Cu — | 1 Cu, S — | 1 Cu — | 8 Cu, C — | 8 Cu, C — | 6 Cu, C — | 7 Cu, C, S — | 6 Cu, C — | 0.3 |
| 28 | 2 S, Cu — | 3 Cu, S, C — | 3 Cu, C, S — | 2 Cu, CCu — | 1 Cu, S — | 2 Cu — | 6 Cu — | 5 Cu, S — | 7 Cu — | 9 Cu — | 9 Cu — | 9 Cu — | — |
| 29 | 8 Cu — | 8 Cu — | 8 Cu — | 9 Cu — | 10 Cu — | 8 Cu, C — | 7 Cu, S, CS — | 9 Cu — | 5 CS, Cu — | 3 CCu — | 3 CCu — | 2 CCu — | — |
| 30 | 10 N — | 10 N — | 10 N — | 10 N — | 10 Cu, N ● | 10 Cu, N ● | 10 Cu, N ● | 10 Cu, N ● | 10 N ●⁰ | 10 N ●⁰ | 10 N ●⁰ | 10 N ● | 7.1 |
| Среднее. Mittel. | 8.6 | 8.2 | 8.2 | 8.1 | 8.3 | 8.1 | 8.3 | 8.7 | 8.6 | 8.3 | 8.3 | 8.0 | 18.0 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9 CuS — | 9 Cu, N ●⁰ | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 6 Cu — | 1 Cu, C — | 1 Cu — | 2 Cu — | 10 Cu — | 10 Cu — | 8.7 |
| 2 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 N, Cu ⚹⁰ | 10 Cu, N — | 10 N, Cu — | 10 N — | 10.0 |
| 3 | 10 N — | 10 N ⸭ | 10 N — | 10 N ● | 10 N, Cu ● | 10 Cu, N ● | 10 N △ | 10 N, Cu, C — | 4 CuS — | 8 Cu — | 2 CuS, C — | 1 CuS, C — | 9.0 |
| 4 | 10 N ⚹ | 10 N — | 10 N ⚹ | 10 N ⚹ | 10 N ⚹ | 10 N ⚹ | 10 N ⸭ | 10 N ⸭ | 10 Cu ⸭ | 10 N ⚹⸭ | 10 N ⚹⁰⸭ | 10 N ⸭ | 9.9 |
| 5 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10.0 |
| 6 | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10.0 |
| 7 | 10 Cu — | 10 Cu, N — | 8 Cu, N — | 9 Cu, C — | 9 Cu, C — | 8 C, S — | 7 C, S — | 7 C, S — | 3 Cu, C, S — | 4 CS, C — | 2 S, CCu — | 2 S, C — | 8.1 |
| 8 | 1 Cu — | 1 Cu — | 1 Cu — | 1 Cu, C — | 1 Cu — | 1 Cu, C — | 2 Cu, S — | 2 Cu, S — | 2 C — | 2 CuS ⸭ | 3 Cu, S ⸭ | 3 Cu, S ⸭ | 1.5 |
| 9 | 7 C, CS — | 9 Cu, S — | 10 Cu, S — | 10 Cu, S — | 9 Cu, S — | 9 Cu, S — | 10 Cu, S — | 10 CuS, N — | 10 S, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 7.5 |
| 10 | 10 N, S ●⁰ | 10 N ●⁰ | 10 N, Cu — | 8 N, S, CS — | 9 Cu — | 9 Cu, S — | 9 Cu, S — | 8 Cu, S, C — | 9 Cu, CCu — | 9 Cu, C — | 10 Cu, N, S — | 10 Cu, N ⚹ | 9.6 |
| 11 | 10 Cu — | 10 Cu — | 10 Cu, N ⚹⁰ | 8 Cu — | 9 Cu — | 9 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ⚹⁰ | 10 Cu, N — | 10 Cu, N — | 9.8 |
| 12 | 10 N ⚹ | 10 N, Cu — | 9 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N, Cu ⚹ | 7 N, C — | 9.7 |
| 13 | 10 N, Cu — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 N — | 10 N, C — | 9 N, C — | 9 N — | 10 Cu — | 10 N — | 10 N ≡ | 10 N ≡ | 7.6 |
| 14 | 1 Cu, CS — | 1 CuS, C — | 1 CuS — | 1 Cu, C — | 3 Cu, C — | 4 Cu, CS — | 5 Cu — | 8 Cu, N, S — | 8 N, CS — | 8 N, CS — | 9 N, S — | 10 N, S — | 6.6 |
| 15 | 9 Cu, S — | 8 Cu, CS — | 5 CuS — | 4 CS, CCu — | 9 Cu — | 8 Cu — | 8 N ≡⁰ ⁀ | 8 N ≡⁰ ⁀ | 10 N ≡⁰ ⁀ | 5 Cu, N ⁀ | 6 Cu, N ≡⁰ ⁀ | 7 Cu, N ≡⁰ ⁀ | 8.5 |
| 16 | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 N ≡ | 10 Cu, N — | 10 Cu, N — | 10 N, C — | 10 N — | 10 N — | 8.5 |
| 17 | 10 Cu, N ≡ | 10 Cu, N — | 10 Cu, N ≡ | 10 Cu, N ≡ | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N ●⁰ | 10 N ●⁰ | 10.0 |
| 18 | 10 N, Cu — | 10 N — | 10 N, Cu — | 10 Cu, N — | 10 N, Cu — | 10 Cu, S, CCu — | 10 Cu, N, S — | 10 Cu, N — | 7 Cu, N — | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 9.9 |
| 19 | 1 CS — | 1 CS — | 1 CS — | 1 CS — | 1 CS — | 0 — | 10 Cu, N ≡ | 10 Cu, N ≡ | 10 Cu ≡ | 10 Cu ≡ | 10 Cu ≡⁰ | 10 Cu ≡⁰ | 6.8 |
| 20 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 9 N — | 3 Cu, N — | 10 Cu, N — | 10 N — | 7.4 |
| 21 | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N, Cu — | 10 N ≡⁰ | 10 N — | 10 N, Cu — | 10 Cu, N — | 9.8 |
| 22 | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 7 Cu — | 9 Cu — | 10 Cu — | 10 Cu, N ≡ | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 8.6 |
| 23 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ● | 10 N, Cu ● | 10 N, Cu ● | 10 Cu — | 10 Cu — | 10 N, S — | 10 Cu ● | 10 Cu ● | 10 Cu ● | 10 Cu, S — | 9.8 |
| 24 | 9 C, CS, Cu — | 10 Cu — | 10 Cu — | 10 Cu, S — | 10 Cu, S — | 10 Cu, S, C — | 8 N, CuS — | 9 N, Cu, C — | 9 N, S, Cu — | 9 N, S, C — | 9 N, CS, Cu — | 10 N, S, CCu — | 8.8 |
| 25 | 5 CCu, N — | 6 CCu — | 5 CCu — | 5 CCu, N — | 5 CCu — | 5 CCu — | 5 Cu, CCu — | 10 N, Cu — | 10 Cu, S — | 10 Cu, S — | 10 N, Cu — | 10 N ≡ | 8.1 |
| 26 | 5 Cu, C, S — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N ● | 10 N, Cu ● | 10 N ● | 10 N ●⁰ | 10 N ●⁰ | 9 Cu, N, S — | 9 N, CuS — | 9.3 |
| 27 | 9 Cu, S — | 4 Cu — | 2 Cu — | 3 Cu — | 2 Cu — | 2 Cu — | 2 CCu ⁀ | 5 Cu, N ●⁰ ⁀ | 4 C, N, S — | 7 C, N — | 8 CuS, N — | 7 CS, N — | 4.8 |
| 28 | 7 Cu, C, N — | 4 Cu, C, N — | 5 Cu, C, N — | 3 Cu, C, N — | 5 Cu, CS, N — | 6 Cu, CS — | 10 Cu, S ⁀ | 9 Cu, C, S — | 4 Cu — | 7 Cu, CCu — | 7 Cu, CCu — | 2 Cu, S — | 5.4 |
| 29 | 3 Cu, CCu — | 7 Cu, CCu — | 10 Cu — | 10 Cu — | 10 Cu, C — | 3 Cu, C — | 9 Cu — | 10 Cu — | 10 N — | 10 N ≡ | 10 N ≡ | 10 CS, Cu — | 7.5 |
| 30 | 10 N, Cu ●⁰ | 10 N, Cu ●⁰ | 10 N, Cu ●⁰ | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 Cu, N — | 10 S, Cu — | 10 CS, Cu — | 10 N, CS — | 10 CS, Cu — | 10.0 |
| Среднее. Mittel. | 8.2 | 8.3 | 8.2 | 8.1 | 8.4 | 8.1 | 8.6 | 8.8 | 8.3 | 8.5 | 8.8 | 8.6 | 8.4 |

Сумма явлений / Summe der Erscheinungen: 55 ≡, 39 ●, 33 ⚹, 3 △, 20 ⁀, 31 ⸭, 1 ⸧, 1 ⊕.

## Облачность и форма облаковъ, осадки и прч.

**Іюль 1883.** Среднее мѣстное время.



## Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit. **Juli 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlagmenge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 N ●⁰ | 10 N ●⁰ | 10 N ●⁰ | 10 N ● | 10 N ● | 10 Cu, N ● | 10 N, Cu — | 10 Cu, N — | 10 N — | 10 N — | 10 N ●⁰ | 10 Cu, N — | 1.8 |
| 2 | 10 S, Cu — | 9 Cu, S — | 9 Cu, S — | 10 Cu, S — | 10 Cu, C — | 10 Cu — | 4 Cu, C — | 4 Cu, S — | 2 Cu, C — | 2 CCu — | 8 Cu — | 7 Cu — | — |
| 3 | 9 Cu, N — | 9 Cu, N — | 9 Cu — | 9 Cu — | 10 Cu — | 7 Cu — | 8 Cu — | 9 Cu — | 9 Cu — | 8 Cu — | 8 Cu — | 10 CuS — | — |
| 4 | 10 N, Cu — | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N ≡ | 10 Cu, N ≡ | 10 N — | 10 N ≡⁰ | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 5 | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 N ≡ | 2 Cu — | 1 Cu — | 1 Cu — | 0 — | 0 — | 0 — | 3 Cu — | — |
| 6 | 10 Cu, N — | 10 Cu — | 10 Cu, N — | 10 Cu, N ≡⁰ | 10 Cu, N ≡ | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N — | 8 Cu — | 2 Cu — | 1 Cu — | 1 Cu — | — |
| 7 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 8 | 4 CS, C ⊕ | 3 S, C ⊕ | 3 CS ⊕ | 7 CS ⊕ | 8 Cu, S ⊕ | 5 Cu, S — | 4 C, CS, Cu — | 3 Cu, S, C — | 1 Cu, C — | 2 Cu, C — | 2 Cu, C — | 2 Cu, C — | — |
| 9 | 10 Cu, C, N — | 10 Cu, C, N ● | 10 Cu, C, N — | 9 CuS, C, N ● | 10 Cu, S, C ● | 10 Cu, S — | 10 S ●⁰ | 10 Cu, C — | 10 S, N ●⁰ | 10 S, N — | 10 S, N — | 10 S, N ●⁰ | 0.8 |
| 10 | 10 N ● | 10 N, S ● | 8 Cu, S, N — | 3 Cu, S — | 9 Cu, N — | 10 Cu, N ≡ | 10 N ≡ | 10 N — | 10 N ●⁰ | 10 N ●⁰≡⁰ | 10 N ●⁰≡⁰ | 10 N — | 3.3 |
| 11 | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 N ≡⁰ | 10 N ≡ | 10 N ≡ | 10 N, Cu — | 10 Cu — | 10 Cu, N — | 10 N, Cu — | — |
| 12 | 10 N ≡⁰ | 10 N ≡⁰ | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 N ●⁰ | 10 N — | 10 N, Cu — | — |
| 13 | 10 Cu, S — | 10 Cu, S — | 10 N, S — | 10 N — | 10 N — | 10 N — | 10 Cu — | 10 Cu, N — | 10 N — | 10 N — | 10 N — | 10 N — | — |
| 14 | 10 N — | 10 N ≡⁰ | 10 N — | 10 N — | 10 N ≡⁰ | 10 N ≡ | 10 N — | 10 N — | 10 N ●⁰ | 10 N — | 10 N ● | 10 N ● | 0.2 |
| 15 | 10 Cu — | 10 N, Cu — | 10 N ● | 10 N ●⁰ | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | — |
| 16 | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | — |
| 17 | 9 N, Cu ≡² | 10 N, Cu ≡² | 10 N, Cu ≡² | 10 N ≡² | 10 N ≡² | 10 N ≡² | 10 N ≡² | 10 N ≡² | 10 Cu — | 1 Cu — | 0 — | 0 — | — |
| 18 | 0 — | 0 — | 0 — | 10 N, Cu — | 10 N ≡² | 10 N, Cu ≡² | 10 N ≡² | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu — | — |
| 19 | 10 N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N — | 10 N — | 10 N — | 10 Cu, N ≡⁰ | 10 Cu, N — | 2 Cu — | 1 CS, Cu — | 1 CS, Cu — | 1 Cu, CS — | — |
| 20 | 10 Cu — | 1 Cu, C — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | — |
| 21 | 0 — | 1 Cu, C — | 4 Cu — | 4 Cu — | 10 Cu — | 10 Cu — | 9 Cu — | 10 Cu — | 8 Cu — | 7 Cu — | 8 Cu — | 8 Cu — | — |
| 22 | 1 C — | 1 C — | 1 C — | 2 Cu — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 Cu — | 10 Cu — | — |
| 23 | 0 — | 0 — | 0 — | 2 Cu, C — | 5 Cu — | 9 Cu — | 10 Cu — | 6 Cu, C — | 5 CS, Cu — | 3 CS, Cu — | 3 CS, Cu — | 4 Cu, C — | — |
| 24 | 0 — | 1 C — | 1 Cu, C — | 1 C — | 1 Cu, S — | 1 Cu, S — | 0 — | 1 Cu, S — | 0 — | 0 — | 0 — | 0 — | — |
| 25 | 0 — | 1 Cu — | 10 Cu, N — | 10 Cu, N — | 10 N — | 10 N ≡⁰ | 9 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 26 | 0 — | 0 — | 0 — | 0 — | 3 Cu — | 8 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N ≡⁰ | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | — |
| 27 | 10 N, Cu — | 10 Cu, N ●⁰ | 10 N, Cu ●⁰ | 10 N, Cu — | 10 N — | 10 N — | 10 N ≡⁰ | 10 N — | 10 Cu ≡⁰ | 10 Cu ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | — |
| 28 | 10 N ≡⁰ | 10 N ≡⁰ | 10 N ●⁰≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N — | 10 Cu, N — | 10 N ●⁰ | 10 N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | — |
| 29 | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 10 N ●⁰ | 10 Cu, N — | 10 Cu, N — | 10 Cu — | — |
| 30 | 10 N — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N — | 10 Cu, N — | 10 N ●⁰ | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 31 | 10 N ≡ | 1 Cu — | 2 C — | 1 C — | 1 Cu, S — | 1 Cu, S — | 3 C, CS, S, Cu — | 4 Cu, C — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ●⁰ | 0.8 |
| Среднее. Mittel. | 7.2 | 6.7 | 6.9 | 7.4 | 8.3 | 8.2 | 8.0 | 8.0 | 7.6 | 7.0 | 7.1 | 7.3 | 6.9 |

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полночь. Mitternacht. | Средн. облачн. Mittel der Wolkenmenge. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 N, Cu — | 10 Cu, N, S ●⁰ | 10 Cu, N, S ●⁰ | 10 N, S, Cu — | 10 Cu, S — | 10 Cu, S — | 10 Cu, CCu — | 10 N, S — | 10 N, S — | 10 S, Cu — | 10 S — | 10 S, Cu — | 10.0 |
| 2 | 10 Cu — | 10 Cu — | 5 Cu — | 7 N, Cu — | 8 Cu — | 8 Cu — | 10 Cu — | 9 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 8.0 |
| 3 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 9.4 |
| 4 | 4 Cu — | 4 Cu — | 4 Cu — | 6 Cu — | 9 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ≡⁰ | 10 Cu, N ≡⁰ | 9.0 |
| 5 | 9 Cu — | 9 Cu — | 10 Cu — | 10 Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 7.3 |
| 6 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 3.8 |
| 7 | 1 C, CS — | 0 — | 0 — | 0 — | 0 — | 0 — | 3 C, CS — | 2 C — | 2 C, CS ⌈· ⌉ | 3 C, CS ⌈· ⌉ | 3 C, CS ⌈· ⌉ | 4 C, CS ⌈· ⌉ | 0.8 |
| 8 | 3 CS, C — | 3 CS — | 3 S, CS — | 6 CS, S — | 9 S, CS — | 10 S — | 10 Cu — | 8 CuS — | 10 S, N — | 9 N, S, Cu — | 9 N, CuS — | 9 CuS — | 5.5 |
| 9 | 10 S, Cu, N — | 10 Cu, N — | 10 Cu, S — | 9 Cu, S — | 10 Cu, S — | 7 Cu, S — | 8 Cu, CS — | 5 Cu, C — | 2 S, C — | 6 Cu, C — | 8 N, Cu, C — | 9 Cu, N — | 8.9 |
| 10 | 10 N — | 10 N — | 10 N — | 10 Cu, N ● | 10 Cu ● | 10 Cu, N ● | 10 Cu, N ≡⁰ | 10 Cu, N — | 8 Cu — | 10 Cu, N ≡⁰ | 10 N ≡ | 10 N ≡ | 9.5 |
| 11 | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N ≡ | 10 N — | 10 N — | 10 N — | 10 N — | 10 N ≡² | 10 N — | 10 N — | 10 N ≡⁰ | 10.0 |
| 12 | 10 N ≡⁰ | 10 N ≡⁰ | 10 N ≡⁰ | 10 N ≡⁰ | 10 N ≡⁰ | 10 N ≡⁰ | 10 Cu, N — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 Cu, N — | 10.0 |
| 13 | 10 N, Cu — | 10 N, Cu — | 10 Cu — | 10 Cu, N — | 10 N, Cu — | 10 Cu — | 10 N — | 10 N ≡ | 10 N ≡² | 10 N ●⁰≡² | 10 N ●⁰≡⁰ | 10 N — | 10.0 |
| 14 | 10 N ● | 10 N ●⁰ | 10 N — | 10 N — | 10 N ●⁰ | 10 N ●⁰ | 10 Cu, N — | 10 Cu, N — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10.0 |
| 15 | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 CuS, N — | 9 CuS, N — | 10.0 |
| 16 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 N, Cu — | 10 N ≡ | 10 N ≡ | 10 N ≡ | 10 N ≡⁰ | 10.0 |
| 17 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 3.8 |
| 18 | 10 Cu — | 10 Cu — | 10 Cu — | 9 Cu — | 7 Cu — | 5 Cu — | 4 Cu — | 5 Cu — | 9 Cu — | 9 Cu — | 10 Cu, N — | 10 Cu, N ≡⁰ | 7.8 |
| 19 | 1 CS, Cu — | 1 Cu, CS — | 1 Cu, C — | 0 — | 0 — | 0 — | 1 C — | 1 C — | 2 Cu — | 2 Cu — | 1 Cu — | 4 Cu — | 4.1 |
| 20 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0.5 |
| 21 | 10 Cu — | 10 Cu, C — | 10 Cu — | 7 Cu, C — | 8 C, Cu — | 7 C, Cu — | 5 CuS, C — | 3 C, Cu — | 1 C — | 1 Cu — | 1 C — | 3 C — | 5.9 |
| 22 | 6 Cu — | 6 Cu — | 3 Cu — | 1 Cu — | 0 — | 1 Cu, C — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 4.3 |
| 23 | 5 Cu, C — | 5 Cu, C — | 4 Cu — | 1 Cu — | 1 Cu — | 0 — | 0 — | 0 — | 1 C — | 0 — | 0 — | 0 — | 2.7 |
| 24 | 1 CS, Cu — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0.3 |
| 25 | 10 Cu — | 9 Cu — | 5 Cu — | 5 Cu — | 10 Cu — | 9 Cu — | 10 Cu — | 10 Cu — | 10 N, Cu — | 3 Cu — | 1 Cu — | 0 — | 7.6 |
| 26 | 10 N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 8.0 |
| 27 | 10 N, Cu ●⁰ | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 N, Cu — | 10 Cu, N — | 10 Cu — | 10 N, Cu ≡⁰ | 10 Cu ≡ | 10 Cu ≡² | 10 Cu ≡⁰ | 10 Cu ≡⁰ | 10.0 |
| 28 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu ≡⁰ | 10 N, Cu ●⁰ | 10 N ≡⁰ | 10 N — | 10 Cu — | 10 Cu — | 10 N — | 10.0 |
| 29 | 10 N, S — | 10 Cu — | 10 N, Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 N ●⁰ | 10 N ●⁰ | 10 N ●⁰ | 10 N ●⁰ | 10 N — | 10.0 |
| 30 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 N ≡⁰ | 10 Cu, N ≡⁰ | 10 Cu, N — | 10 Cu, N ≡⁰ | 10 Cu, N ●⁰ | 10 Cu — | 10 Cu — | 9 Cu — | 8 Cu ≡² | 9.9 |
| 31 | 10 Cu, N ● | 10 Cu, N ●⁰ | 10 Cu, N ●⁰ | 10 Cu, N ● | 10 Cu, N ●⁰ | 10 Cu, N — | 10 Cu, N ● | 10 N ●⁰ | 10 N — | 10 N ● | 10 N — | 10 N — | 7.6 |
| Среднее. Mittel. | 7.4 | 7.3 | 6.9 | 6.8 | 7.2 | 7.0 | 7.1 | 6.9 | 6.9 | 6.9 | 6.8 | 7.0 | 7.6 |

Сумма явленій / Summe der Erscheinungen } 97 ≡, 55 ●, 4 ⊕, 4 ⌈· ⌉.

# Облачность и форма облаковъ, осадки и прч.

**Августъ 1883.** Среднее мѣстное время.



# Menge u. Form der Wolken, Niederschläge u. s. w.

Mittlere Ortszeit. **August 1883.**

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | Колич. осадк. Niederschlag-menge mm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 N ●⁰ | 10 N ●⁰ | 10 N ●⁰ | 10 N — | 10 N — | 10 N — | 10 Cu, N — | 10 Cu, N ●⁰ | 10 Cu, N ≡⁰ | 10 Cu, N ●⁰✳⁰≡⁰ | 10 Cu, N ●⁰✳⁰≡⁰ | 10 Cu, N — | 0.7 |
| 2 | 10 N, Cu — | 10 N ✳ | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N ✳⁰ | 10 Cu — | 10 Cu — | 10 Cu, N ✳ | — |
| 3 | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu — | — |
| 4 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu ≡⁰ | 10 Cu ≡⁰ | 10 Cu ≡⁰ | 3 Cu — | 1 Cu — | 0 — | 0 — | 1 CCu — | 2 Cu, CCu — | — |
| 5 | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 0 — | 1 Cu, S — | 1 CS — | 3 CS — | 4 S, C — | 4 S, C — | — |
| 6 | 1 C, S — | 1 C, S — | 3 C, S — | 4 C, S — | 3 Cu, S — | 2 C, S — | 4 C — | 2 C — | 1 C — | 0 — | 1 C — | 0 — | — |
| 7 | 9 Cu — | 2 Cu — | 1 Cu — | 1 Cu — | 5 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 N, Cu — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | — |
| 8 | 10 Cu, N — | 4 Cu, N — | 10 Cu — | 10 N, Cu ≡ | ..... — | 10 Cu ≡ | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 9 | 10 Cu, N ≡⁰ | 10 N ≡² | 10 Cu, N ≡⁰ | 10 Cu ≡⁰ | 7 N, Cu ≡⁰ | 9 Cu, N — | 10 Cu — | 10 Cu — | 7 N, Cu ≡⁰ | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 10 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu ≡⁰ | 10 Cu ≡ | 10 Cu ≡ | 9 Cu — | 8 Cu — | 6 Cu — | 5 Cu — | 5 Cu — | — |
| 11 | 1 Cu — | 1 Cu — | 1 Cu ⊔⁰ | 1 Cu — | 4 Cu — | 3 Cu — | 2 Cu — | 8 Cu — | 3 Cu — | 1 Cu, S — | 1 Cu — | 2 Cu — | — |
| 12 | 10 N ≡² | 10 N ●⁰≡ | 10 N, Cu ≡ | 10 N, Cu ≡ | 10 Cu ≡ | 10 Cu ≡ | 10 Cu ≡ | 9 Cu ≡⁰ | 10 Cu ≡⁰ | 10 Cu ≡⁰ | 10 Cu — | 8 Cu — | — |
| 13 | 10 N — | 4 Cu — | 2 Cu — | 2 Cu — | 6 C, CS, S — | 4 C, CS, S — | 4 C, CS, Cu — | 3 C, CS, Cu — | 2 Cu, C — | 4 C, Cu — | 8 C, Cu — | 10 C, Cu, S — | — |
| 14 | 10 Cu, S — | 10 Cu, S — | 10 Cu, S, C — | 10 Cu, C, S — | 5 Cu, C, CS — | 5 CS, C, Cu — | 6 C, CS, Cu — | 8 C, CS, Cu — | 10 S, CCu — | 10 S, CCu — | 9 S, Cu, C — | 9 S, Cu, C — | — |
| 15 | 10 N ●⁰ | 10 N — | 10 N — | 10 N — | 10 N, Cu — | 10 N ≡² | 10 N — | 10 N — | 10 N — | 8 Cu — | 10 Cu — | 10 Cu — | — |
| 16 | 9 Cu — | 9 Cu — | 10 Cu — | 9 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 7 Cu, CCu — | 3 Cu — | 2 Cu — | 6 Cu — | 9 Cu — | — |
| 17 | 10 N ● | 10 N ●² | 10 Cu, N — | 10 N, Cu ●⁄ | 10 N, Cu, CS ●⁰ | 10 N, Cu — | 10 N ●⁰ | 10 N, Cu — | 10 N ●⁰ | 10 N — | 10 N — | 10 N — | 15.6 |
| 18 | 10 N — | 10 N — | 10 N — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | — |
| 19 | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 N, Cu ✳⁰ | 10 N, Cu ✳⁰ | 10 Cu, N ✳ | 10 Cu, N ✳ | 10 Cu, N ✳ | 10 Cu, N ✳ | 10 Cu, N ✳ | 10 Cu, N ✳ | 0.1 |
| 20 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu ✳ | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu, N — | 10 Cu — | 0.8 |
| 21 | 10 Cu, N — | 10 Cu, N — | 10 N, Cu ●⁰ | 10 Cu, N — | 10 Cu — | 10 Cu — | 10 Cu, CuS — | 10 Cu, N ●⁰ | 10 Cu — | 10 Cu, N — | 10 Cu, N ● | 10 Cu, N — | 0.8 |
| 22 | 10 Cu, N ● | 10 Cu, N ● | 10 Cu, N ● | 10 Cu, N ● | 10 N ● | 10 N ● | 10 N — | 10 X ●⁰≡⁰ | 10 N ●⁰≡⁰ | 10 N ≡ | 10 N — | 10 N — | 1.6 |
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| 31 | 10 Cu — | 10 Cu — | 10 Cu — | 10 Cu, N — | 10 Cu, N — | 10 N, Cu ●⁰ | 10 N, Cu ● | 10 N, Cu — | 10 Cu, N — | 10 N ● | 10 N ● | 10 N ● | 12.7 |
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Сумма явленій / Summe der Erscheinungen: 71 ●, 32 ✳, 43 ≡, 2 ⌒, 3 ⊔, 1 ⁄, 1 △.

# САГАСТЫРЪ.

# ТЕМПЕРАТУРА НА ПОВЕРХНОСТИ СНѢГА.

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# Температура на поверхности снѣга.

## Сентябрь 1882.

Среднее мѣстное время.

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## September 1882.

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## October 1882.

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| —10.7 | —10.8 | —11.0 | —12.2 | —14.0 | —14.9 | —16.3 | —15.9 | —16.1 | —17.2 | —13.07 | —10.3 | —17.2 | 6.9 |
| —23.1 | —22.9 | —23.5 | —21.5 | —18.5 | —16.9 | —15.9 | —15.3 | —19.1 | —20.4 | —21.29 | —15.3 | —24.4 | 9.1 |
| —18.9 | —19.4 | —20.9 | —21.3 | —21.1 | —21.2 | —20.9 | —21.2 | —20.3 | —20.3 | —17.70 | —12.6 | —21.3 | 8.7 |
| —12.7 | —15.1 | —14.0 | —14.6 | —15.1 | —15.9 | —15.3 | —14.7 | —15.6 | —17.5 | —15.58 | —12.5 | —18.6 | 6.1 |
| —18.4 | —18.1 | —18.2 | —17.9 | —17.9 | —17.8 | —18.6 | —19.9 | —21.7 | —25.1 | —20.58 | —17.8 | —25.1 | 7.3 |
| —28.7 | —29.9 | —30.7 | —29.3 | —29.1 | —28.6 | —29.3 | —29.6 | —30.7 | —29.5 | —28.28 | —26.1 | —30.7 | 4.6 |
| —28.5 | —28.7 | —29.5 | —30.1 | —30.3 | —31.2 | —30.7 | —30.7 | —30.5 | —30.9 | —29.61 | —27.7 | —31.2 | 3.5 |
| —18.7 | —19.1 | —19.3 | —19.3 | —21.2 | —23.1 | —23.6 | —22.3 | —21.8 | —21.3 | —20.94 | —18.2 | —30.1 | 11.9 |
| —28.2 | —26.7 | —26.4 | —27.4 | —26.5 | —29.3 | —29.6 | —29.9 | —30.1 | —29.7 | —24.61 | —19.8 | —30.1 | 10.3 |
| —23.9 | —24.9 | —24.7 | —24.7 | —24.6 | —24.9 | —25.6 | —25.4 | —25.9 | —26.1 | —25.42 | —23.5 | —27.1 | 3.6 |
| —23.6 | —23.0 | —22.9 | —22.6 | —22.7 | —22.7 | —23.5 | —24.3 | —24.5 | —24.9 | —24.20 | —22.6 | —26.7 | 4.1 |
| —29.3 | —29.5 | —30.7 | —30.4 | —30.7 | —31.1 | —30.3 | —29.2 | —28.5 | —26.9 | —28.25 | —25.2 | —31.1 | 5.9 |
| —24.9 | —25.3 | —25.5 | —24.5 | —23.6 | —23.3 | —23.5 | —23.5 | —24.1 | —23.7 | —25.76 | —23.3 | —28.3 | 5.0 |
| —27.7 | —27.9 | —28.1 | —28.1 | —28.2 | —28.2 | —28.4 | —28.3 | —28.3 | —28.4 | —26.70 | —23.6 | —28.4 | 4.8 |
| —23.7 | —23.8 | —23.8 | —23.9 | —24.1 | —23.9 | —23.9 | —24.1 | —24.2 | —24.3 | —25.48 | —23.7 | —28.7 | 5.0 |

# Температура на поверхности снѣга.

## Ноябрь 1882.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
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| 1 | —24.5 | —25.1 | —25.3 | —25.5 | —25.9 | —26.5 | —27.1 | —26.7 | —26.7 | —26.5 | —25.7 | —25.7 | —26.3 | —26.9 | —27.3 | —27.7 | —28.1 | —28.6 | —28.8 | —29.1 | —29.1 | —29.2 | —29.3 | —29.5 | —27.13 | —24.5 | —29.5 | 5.0 |
| 2 | —29.6 | —29.7 | —27.5 | —26.5 | —29.1 | —29.9 | —30.1 | —29.7 | —29.3 | —28.9 | —29.1 | —29.1 | —29.5 | —29.9 | —30.5 | —30.9 | —31.7 | —32.1 | —31.9 | —31.9 | —32.1 | —32.3 | —32.9 | —33.1 | —30.30 | —26.5 | —33.1 | 6.6 |
| 3 | —33.3 | —34.7 | —35.1 | —34.8 | —35.3 | —35.9 | —36.8 | —36.4 | —35.6 | —35.4 | —35.1 | —34.9 | —35.6 | —35.7 | —36.7 | —36.3 | —36.3 | —35.7 | —35.2 | —35.3 | —35.4 | —35.1 | —35.1 | —34.9 | —35.47 | —33.3 | —36.8 | 3.5 |
| 4 | —34.3 | —34.7 | —35.0 | —35.2 | —35.3 | —35.1 | —35.1 | —34.7 | —34.7 | —34.3 | —34.1 | —33.5 | —33.1 | —33.9 | —32.9 | —33.1 | —33.4 | —33.5 | —33.5 | —33.4 | —33.2 | —33.0 | —32.1 | —31.9 | —33.82 | —31.9 | —35.3 | 3.4 |
| 5 | —31.5 | —31.1 | —31.0 | —29.4 | —28.1 | —27.5 | —27.2 | —26.8 | —26.3 | —26.4 | —26.9 | —27.1 | —27.3 | —27.1 | —27.7 | —27.9 | —28.3 | —28.3 | —28.3 | —28.7 | —29.1 | —29.4 | —29.9 | —29.8 | —28.38 | —26.3 | —31.5 | 5.2 |
| 6 | —29.7 | —28.9 | —27.1 | —28.0 | —27.6 | —27.3 | —27.9 | —27.5 | —26.6 | —27.7 | —27.6 | —27.6 | —26.3 | —25.9 | —26.6 | —25.9 | —25.1 | —25.3 | —25.1 | —26.1 | —26.1 | —27.5 | —28.5 | —28.2 | —27.09 | —25.1 | —29.7 | 4.6 |
| 7 | —27.4 | —28.1 | —28.9 | —29.4 | —29.6 | —29.5 | —27.4 | —28.0 | —28.5 | —29.1 | —28.7 | —27.9 | —29.4 | —30.3 | —31.1 | —31.6 | —31.9 | —32.3 | —30.7 | —30.9 | —31.3 | —31.5 | —31.1 | —31.2 | —29.83 | —27.4 | —32.3 | 4.9 |
| 8 | —31.5 | —29.3 | —27.9 | —26.9 | —26.1 | —25.2 | —24.7 | —24.3 | —24.0 | —23.5 | —23.1 | —22.7 | —22.3 | —22.2 | —21.9 | —21.6 | —21.4 | —21.4 | —21.4 | —21.4 | —21.7 | —22.5 | —22.9 | —23.2 | —23.88 | —21.4 | —31.5 | 10.1 |
| 9 | —23.1 | —23.3 | —23.2 | —24.3 | —23.3 | —23.1 | —22.7 | —21.5 | —21.6 | —20.7 | —21.1 | —22.1 | —23.7 | —23.5 | —24.4 | —25.1 | —25.6 | —26.1 | —27.4 | —28.6 | —29.4 | —29.7 | —30.5 | —29.7 | —24.74 | —20.7 | —30.5 | 9.8 |
| 10 | —25.9 | —27.0 | —28.5 | —27.1 | —27.9 | —27.5 | —26.6 | —26.5 | —27.3 | —26.9 | —26.1 | —27.7 | —28.2 | —28.7 | —28.2 | —27.5 | —27.7 | —27.7 | —29.1 | —29.4 | —29.9 | —30.3 | —29.8 | —30.5 | —30.7 | —28.13 | —25.9 | —30.7 | 4.8 |
| 11 | —29.9 | —29.3 | —26.9 | —29.3 | —29.7 | —30.7 | —30.2 | —29.4 | —26.5 | —26.5 | —25.9 | —26.3 | —27.8 | —28.9 | —29.6 | —26.5 | —24.7 | —23.4 | —22.7 | —22.1 | —21.5 | —20.9 | —21.3 | —22.9 | —26.37 | —20.9 | —30.7 | 9.8 |
| 12 | —26.0 | —27.6 | —29.1 | —29.6 | —29.8 | —31.7 | —30.9 | —28.3 | —25.7 | —24.7 | —24.3 | —24.8 | —24.7 | —25.3 | —22.3 | —21.3 | —20.2 | —19.9 | —19.7 | —19.7 | —19.3 | —21.3 | —20.3 | —19.8 | —24.33 | —19.3 | —31.7 | 12.4 |
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| 14 | —22.9 | —22.7 | —22.5 | —22.7 | —22.7 | —22.9 | —22.3 | —21.9 | —21.5 | —22.3 | —22.7 | —22.9 | —22.9 | —23.1 | —21.2 | —20.8 | —20.4 | —20.8 | —21.5 | —22.9 | —23.8 | —23.9 | —25.8 | —25.7 | —22.53 | —20.4 | —25.7 | 5.3 |
| 15 | —25.3 | —25.1 | —26.3 | —26.8 | —27.1 | —26.9 | —26.6 | —28.5 | —29.3 | —29.9 | —31.2 | —31.5 | —30.1 | —28.5 | —28.2 | —27.7 | —26.9 | —25.1 | —25.7 | —25.5 | —25.3 | —26.7 | —27.9 | —26.6 | —27.45 | —25.1 | —31.5 | 6.4 |
| 16 | —26.3 | —27.1 | —28.3 | —28.7 | —27.7 | —29.3 | —29.9 | —27.1 | —26.1 | —26.4 | —26.2 | —26.2 | —27.2 | —27.8 | —28.3 | —29.2 | —31.2 | —32.5 | —32.7 | —32.9 | —29.6 | —29.1 | —29.3 | —31.4 | —28.77 | —26.1 | —32.9 | 6.8 |
| 17 | —32.2 | —32.3 | —33.2 | —33.7 | —33.7 | —33.6 | —33 8 | —32.9 | —32.9 | —32.7 | —33.8 | —34.4 | —34.4 | —34.8 | —34.9 | —35.6 | —35.7 | —35.9 | —36.1 | —36.1 | —36.1 | —36.3 | —36.3 | —35.7 | —34 45 | —32.2 | —36.3 | 4.1 |
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| 21 | —34.3 | —35.3 | —35.4 | —35.4 | —33.0 | —31.3 | —29.8 | —29.3 | —32.0 | —30.7 | —29.3 | —31.4 | —31.0 | —33.2 | —30.1 | —28.8 | —28.3 | —29.8 | —31.8 | —31.8 | —30.3 | —31.2 | —32.1 | —32.3 | —31.58 | —28.3 | —35.4 | 7.1 |
| 22 | —34.7 | —34.2 | —33.1 | —32.7 | —30.2 | —33.3 | —32.4 | —33.6 | —35.2 | —33.8 | —33.8 | —32.9 | —32.9 | —31.9 | —32.0 | —32.2 | —31.4 | —31.3 | —31.3 | —31.3 | —31.9 | —33.9 | —33.3 | —32.3 | —32.73 | —30.2 | —35.2 | 5.0 |
| 23 | —32.4 | —32.4 | —33.8 | —35.2 | —35.4 | —35.1 | —35.1 | —35.0 | —32.1 | —35.2 | —34.4 | —34.1 | —33.6 | —33.8 | —35.0 | —33.9 | —33.8 | —33.9 | —33.9 | —33.4 | —33.6 | —34.3 | —35.0 | —34.3 | —34.07 | —32.1 | —35.4 | 3.3 |
| 24 | —34.9 | —35.3 | —35.7 | —35.3 | —34.8 | —34.4 | —33.8 | —33.3 | —33.1 | —33.2 | —32.9 | —32.8 | —32.3 | —32.4 | —31.7 | —31.8 | —31.8 | —31.8 | —31.6 | —32.3 | —31.6 | —31.8 | —31.8 | —  [1] | ....  | —33.13 | —31.6 | —35.7 | 4.1 |
| 25 | .... | .... | .... | .... | .... | .... | —32.2 | —32.2 | —32.7 | —35.8 | —36.0 | —36.8 | —36.4 | —36.8 | —36.6 | —37.3 | —37.3 | —37.5 | —38.1 | —38.3 | —38.4 | —38.3 | —38.2 | —38.2 | —36.51 | —32.2 | —38.4 | 6.2 |
| 26 | —38.2 | —38.3 | —37.6 | —37.3 | —37.2 | —38.8 | —37.5 | —36.8 | —36.3 | —35.8 | —35.8 | —36.2 | —36.2 | —35.2 | —34.2 | —34.3 | —32.9 | —34.5 | —33.4 | —31.8 | —31.2 | —31.2 | —30.8 | —31.2 | —35.11 | —30.8 | —38.8 | 8.0 |
| 27 | —31.3 | —31.8 | —32.3 | —32.3 | —31.9 | —31.3 | —31.8 | —31.8 | —32.1 | —31.8 | —31.6 | —32.4 | —32.2 | —32.7 | —32.7 | —32.7 | —32.7 | —31.1 | —30.3 | —29.6 | —28.9 | —28.8 | —28.9 | —28.6 | —31.32 | —28.6 | —32.7 | 4.1 |
| 28 | —28.3 | —28.2 | —28.3 | —28.3 | —27.8 | —27.5 | —27.4 | —27.1 | —26.8 | —26.7 | —26.3 | —25.9 | —25.4 | —24.8 | —25.1 | —25.7 | —24.5 | —24.0 | —23.9 | —23.9 | —24.3 | —24.7 | —25.0 | —25.3 | —26.05 | —23.9 | —28.3 | 4.4 |
| 29 | —25.3 | —25.2 | —25.4 | —25.3 | —25.1 | —24.8 | —24.6 | —24.3 | —24.1 | —24.0 | —25.3 | —24.9 | —25.5 | —25.8 | —25.8 | —25.6 | —25.6 | —25.8 | —25.5 | —25.5 | —25.8 | —25.9 | —25.7 | —26.3 | —25.30 | —24.0 | —26.3 | 2.3 |
| 30 | —27.0 | —27.0 | —26.5 | —26.5 | —26.3 | —26.0 | —26.0 | —26.7 | —27.8 | —29.2 | —28.3 | —28.2 | —28.2 | —28.1 | —29.1 | —29.1 | —28.1 | —27.4 | —27.2 | —27.7 | —27.9 | —27.9 | —28.7 | —30.2 | —27.71 | —26.0 | —30.2 | 4.2 |
| Среднее Mittel | —29 37 | —29.84 | —29.84 | **—29.91** | —29.65 | —29.80 | —29.66 | —29.51 | —29.33 | —29.47 | —29.34 | —29.36 | —29.48 | —29.61 | —29.53 | —29.36 | **—29.16** | —29.28 | —29.22 | —29.27 | —29.17 | —29.57 | —29.74 | —29.85 | —29.59 | —26.52 | —33.05 | 6.53 |

## Декабрь 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
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| 1 | —31.3 | —31.0 | —31.4 | —31.9 | —32.3 | —32.8 | —34.2 | —35.3 | —36.6 | —37.5 | —37.8 | —38.3 | —38.8 | —39.3 | —40.6 | —41.3 | —41.6 | —41.8 | —41.4 | —41.3 | —42.0 | —42.8 | —41.8 | —42.3 | —37.73 | —31.0 | —42.8 | 11.8 |
| 2 | —43.8 | —43.1 | —43.3 | —43.8 | —45.6 | —45.5 | —44.6 | —43.8 | —43.5 | —37.2 | —37.2 | —37.8 | —36.8 | —35.7 | —35.2 | —35.1 | —36.5 | —36.4 | —35.8 | —35.9 | —37.1 | —37.3 | —37.0 | —37.3 | —39.39 | —35.1 | —45.6 | 10.5 |
| 3 | —36.3 | —36.4 | —36.8 | —38.3 | —38.2 | —36.8 | —35.9 | —36.7 | —36.7 | —37.3 | —37.9 | —38.3 | —37.5 | —37.3 | —36.3 | —36.3 | —35.9 | —36.5 | —36.1 | —35.3 | —33.8 | —32.8 | —32.8 | —32.8 | —36 21 | —32.8 | —38.3 | 5.5 |
| 4 | —32.6 | —32.2 | —31.8 | —31.6 | —31.4 | —31.3 | —31.3 | —31.2 | —30.8 | —31.0 | —31.2 | —31.4 | —31.5 | —31.3 | —31.4 | —31.3 | —31.8 | —30.8 | —30.9 | —30.8 | —30.5 | —30.3 | —30.5 | —30.6 | —31.21 | —30.3 | —32.6 | 2.3 |
| 5 | —30.9 | —31.2 | —31.3 | —31.1 | —30.8 | —30.8 | —29.8 | —30.4 | —31.6 | —33.3 | —34.4 | —35.3 | —36.0 | —36.2 | —37.0 | —38.0 | —38.5 | —37.3 | —36.4 | —36.4 | —36.8 | —36.9 | —37.3 | —35.7 | —34.30 | —29.8 | —38.3 | 8.5 |
| 6 | —31.3 | —29.3 | —28.1 | —27.1 | —26.4 | —25.8 | —23.4 | —22.8 | —24.9 | —24.4 | —24.0 | —24.7 | —23.4 | —23.7 | —23.5 | —23.5 | —23.3 | —22.9 | —22.5 | —23.6 | —24.3 | —24.4 | —24.8 | —24.8 | —24.87 | —22.5 | —31.3 | 8.8 |
| 7 | —24.8 | —24.8 | —25.9 | —23.3 | —22.5 | —22.3 | —23.3 | —23.5 | —26.7 | —28.5 | —30.2 | —30.7 | —31.7 | —32.3 | —33.5 | —33.8 | —33.8 | —33.2 | —32.2 | —29.8 | —30.1 | —31.6 | —30.3 | —29.1 | —28.8 | —28.34 | —**22.3** | —33.8 | 11.5 |
| 8 | —28.0 | —28.2 | —27.8 | —29.3 | —28.5 | —29.2 | —29.3 | —27.9 | —30.2 | —31.8 | —32.8 | —32.8 | —33.2 | —32.3 | —32.8 | —32.8 | —31.5 | —31.3 | —29.9 | —29.2 | —28.5 | —29.5 | —28.0 | —26.0 | —30.03 | —26.0 | —33.2 | 7.2 |
| 9 | —25.3 | —24.4 | —23.8 | —23.8 | —23.8 | —23.8 | —23.7 | —23.3 | —23.3 | —23.3 | —23.3 | —23.3 | —24.1 | —23.8 | —23.5 | —23.3 | —22.8 | —22.8 | —22.8 | —22.8 | —23.1 | —23.3 | —23.7 | —23.8 | —**23.51** | —22.8 | —25.3 | 2.5 |
| 10 | —24.0 | —24.6 | —24.9 | —27.0 | —27.9 | —29.3 | —30.8 | —31.3 | —32.0 | —34.6 | —35.5 | —36.5 | —37.5 | —37.5 | —38.5 | —38.4 | —39.3 | —39.3 | —39.8 | —40.4 | —40.8 | —40.8 | —41.3 | —42.3 | —34.76 | —24.0 | —42.3 | 18.3 |
| 11 | —42.0 | —42.5 | —42.4 | —42.0 | —43.2 | —42.8 | —42.8 | —42.8 | —42.6 | —42.8 | —43.0 | —43.2 | —43.4 | —44.6 | —44.8 | —44.0 | —44.2 | —44.4 | —44.8 | —44.8 | —45.3 | —45.8 | —46.3 | —46.7 | —43.80 | —42.0 | —46.7 | 4.7 |
| 12 | —47.3 | —46.8 | —45.8 | —45.6 | —44.7 | —44.1 | —43.6 | —43.5 | —40.5 | —40.4 | —39.8 | —39.5 | —39.0 | —37.8 | —37.3 | —36.8 | —36.8 | —36.3 | —35.8 | —35.2 | —34.6 | —34.4 | —34.6 | —34.9 | —39.80 | —34.4 | —47.3 | 12.9 |
| 13 | —34.3 | —33.7 | —33.3 | —33.1 | —32.6 | —32.3 | —32.7 | —32.7 | —33.3 | —33.5 | —34.0 | —33.8 | —33.0 | —33.0 | —33.8 | —35.2 | —36.1 | —36.4 | —36.7 | —35.2 | —33.3 | —33.8 | —35.3 | —36.2 | —34.05 | —32.3 | —36.7 | 4.4 |
| 14 | —35.7 | —36.9 | —37.7 | —37.3 | —38.3 | —39.2 | —38.8 | —38.9 | —38.5 | —38.4 | —37.3 | —38.2 | —37.5 | —37.6 | —35.4 | —34.9 | —34.7 | —34.5 | —34.3 | —35.0 | —35.5 | —35.4 | —35.8 | —36.3 | —36.75 | —34.3 | —39.2 | 4.9 |
| 15 | —36.3 | —37.0 | —37.8 | —38.0 | —38.6 | —38.6 | —40.0 | —40.8 | —41.8 | —41.8 | —42.3 | —42.8 | —43.3 | —43.5 | —43.3 | —43.3 | —43.2 | —42.8 | —42.0 | —41.8 | —41.4 | —40.2 | —40.8 | —41.2 | —40.93 | —36.3 | —43.3 | 7.0 |
| 16 | —40.5 | —39.3 | —37.7 | —38.7 | —37.8 | —38.3 | —38.3 | —39.6 | —38.8 | —39.1 | —38.5 | —39.2 | —39.3 | —38.7 | —39.8 | —40.4 | —41.1 | —40.9 | —40.8 | —40.8 | —40.3 | —40.6 | —41.3 | —39.8 | —39.57 | —37.7 | —41.3 | 3.6 |
| 17 | —39.4 | —39.6 | —39.3 | —39.4 | —39.3 | —38.2 | —37.3 | —36.8 | —35.8 | —35.3 | —34.9 | —34.7 | —34.3 | —33.4 | —31.5 | —31.3 | —30.7 | —30.6 | —30.3 | —30.3 | —30.8 | —30.4 | —30.3 | —29.3 | —34.24 | —29.3 | —39.6 | 10.3 |
| 18 | —28.4 | —27.5 | —27.0 | —28.5 | —29.9 | —27.6 | —26.8 | —28.3 | —29.3 | —29.3 | —27.3 | —26.0 | —25.5 | —25.4 | —25.5 | —25.3 | —25.8 | —25.8 | —25.5 | —25.5 | —25.1 | —24.9 | —25.6 | —25.8 | —26.79 | —24.9 | —29.9 | 5.0 |
| 19 | —26.0 | —26.6 | —26.5 | —25.8 | —25.2 | —24.5 | —25.0 | —25.2 | —25.8 | —26.4 | —26.8 | —26.9 | —27.1 | —28.2 | —29.1 | —28.2 | —27.8 | —27.5 | —26.8 | —26.8 | —26.8 | —26.7 | —26.7 | —25.8 | —26.59 | —24.5 | —29.1 | 4.6 |
| 20 | —26.3 | —26.3 | —26.3 | —26.2 | —26.5 | —27.8 | —29.4 | —30.6 | —32.6 | —32.9 | —33.8 | —33.8 | —35.1 | —35.3 | —35.3 | —34.8 | —33.8 | —35.1 | —35.2 | —35.5 | —36.4 | —36.7 | —32.39 | —26.2 | —36.7 | 10.5 |
| 21 | —36.3 | — [2] | —.... | —37.0 | —37.4 | —37.8 | —38.0 | —38.0 | —38.0 | —37.2 | —37.0 | —37.5 | —38.0 | —37.4 | —37.6 | —37.5 | —37.0 | —36.1 | —36.0 | —36.1 | —35.9 | —36.0 | —36.0 | —37.0 | —37.04 | —35.9 | —38.0 | 2.1 |
| 22 | —36.6 | —36.1 | —35.5 | —36.4 | —36.3 | —36.3 | —36.7 | —35.7 | —35.1 | —34.7 | —34.6 | —35.0 | —34.9 | —35.0 | —35.0 | —35.0 | —35.5 | —35.1 | —35.2 | —33.8 | —35.8 | —36.2 | —36.2 | —34.8 | —35.48 | —33.8 | —36.7 | 2.9 |
| 23 | —36.1 | —35.8 | —36.3 | —36.7 | —36.3 | —36.9 | —37.9 | —38.5 | —40.0 | —40.0 | —41.0 | —40.5 | —41.7 | —42.1 | —43.9 | —44.2 | —44.0 | —44.5 | —45.0 | —44.9 | —44.5 | —43.9 | —43.8 | —44.0 | —40.98 | —35.8 | —45.0 | 9.2 |
| 24 | —43.1 | —43.9 | —42.5 | —42.7 | —43.0 | —43.5 | —43.7 | —44.0 | —43.5 | —43.1 | —44.4 | —44.7 | —44.3 | —43.6 | —42.6 | —42.7 | —42.0 | —41.8 | —41.5 | —41.1 | —40.5 | —39.7 | —39.5 | —38.9 | —42.51 | —38.9 | —44.7 | 5.8 |
| 25 | —38.5 | —37.0 | —35.9 | —36.0 | —35.0 | —35.4 | —33.9 | —33.5 | —32.9 | —32.0 | —31.1 | —30.5 | —30.2 | —30.1 | —30.5 | —32.6 | —35.1 | —36.0 | —36.5 | —36.7 | —37.8 | —38.0 | —39.1 | —39.1 | —34.73 | —30.1 | —39.1 | 9.0 |
| 26 | —38.9 | —38.9 | —39.4 | —39.5 | —39.1 | —38.6 | —39.7 | —39.4 | —39.3 | —40.5 | —41.0 | —39.6 | —39.5 | —39.7 | —40.7 | —41.1 | —41.7 | —42.1 | —41.9 | —42.6 | —43.0 | —43.1 | —43.8 | —43.2 | —40.68 | —38.6 | —43.8 | 5.2 |
| 27 | —42.0 | —41.6 | —41.9 | —42.2 | —42.5 | —42.0 | —41.0 | —40.5 | —39.9 | —40.0 | —40.0 | —39.0 | —39.1 | —38.0 | —37.0 | —38.0 | —39.0 | —39.2 | —39.7 | —38.1 | —37.5 | —37.5 | —36.5 | —36.0 | —39.51 | —36.0 | —42.5 | 6.5 |
| 28 | —35.1 | —34.0 | —33.0 | —32.8 | —32.5 | —32.6 | —32.7 | —32.5 | —33.2 | —33.2 | —32.7 | —33.5 | —34.7 | —35.3 | —36.1 | —36.9 | —37.0 | —37.5 | —37.7 | —39.4 | —40.5 | —41.0 | —40.9 | —40.3 | —35.62 | —32.5 | —41.0 | 8.5 |
| 29 | —40.1 | —40.4 | —40.4 | —40.5 | —40.5 | —42.2 | —43.7 | —43.0 | —43.5 | —44.1 | —44.7 | —45.1 | —46.0 | —46.1 | —47.0 | —47.5 | —47.7 | —47.5 | —47.2 | —47.5 | —48.5 | —48.5 | —49.5 | —49.5 | —45.03 | —40.1 | —49.5 | 9.4 |
| 30 | —49.9 | —50.4 | —50.5 | —50.9 | —51.2 | —51.0 | —51.7 | —52.4 | —53.1 | —53.5 | —53.0 | —53.0 | —54.0 | —54.5 | —54.5 | —53.5 | —53.0 | —53.0 | —53.5 | —53.0 | —52.7 | —52.0 | —51.8 | —51.5 | —**52.40** | —49.9 | —**54.5** | 4.6 |
| 31 | —51.0 | —50.5 | —50.4 | —49.4 | —48.9 | —48.5 | —48.0 | —47.9 | —47.5 | —46.6 | —46.5 | —45.8 | —45.8 | —45.5 | —45.4 | —45.3 | —45.4 | —45.9 | —46.1 | —46.2 | —46.1 | —46.1 | —45.7 | —46.1 | —47.11 | —45.3 | —51.0 | 5.7 |
| Среднее Mittel | —35.87 | —35.65 | —**35.42** | —35.67 | —35.68 | —35.67 | —35.74 | —35.83 | —36.17 | —36.25 | —36.39 | —36.54 | —36.67 | —36.58 | —36.72 | —36.85 | —**36.96** | —36.92 | —36.71 | —36.64 | —36.75 | —36.71 | —36.85 | —36.69 | —36.33 | —32.75 | —39.97 | 7.22 |

1) Термометръ во время пурги снѣгомъ занесенъ.
2) Термометръ сломанъ, новый поставленъ.



# Temperatur an der Schneeoberfläche.

## November 1882.

Mittlere Ortszeit.

1) Das Thermometer während des Schneesturms vom Schnee verweht.
2) Das Thermometer zerbrochen, ein neues aufgestellt.

# Температура на поверхности снѣга.

## Январь 1883.

Среднее мѣстное время.



# Temperatur an der Schneeoberfläche.

## Januar 1883.

Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −46.2 | −46.2 | −46.7 | −47.1 | −46.8 | −47.1 | −47.4 | −47.3 | −47.6 | −47.6 | −46.8 | −47.6 | −47.1 | −46.5 | −46.3 | −46.4 | −45.9 | −45.7 | −45.1 | −45.7 | −46.1 | −46.1 | −45.9 | −45.1 | −46.51 | −45.1 | −47.6 | 2.5 |
| 2 | −44.6 | −43.7 | −43.6 | −43.5 | −43.2 | −43.0 | −43.5 | −42.8 | −42.1 | −41.8 | −40.6 | −37.7 | −36.6 | −35.1 | −34.4 | −33.7 | −32.6 | −32.3 | −32.7 | −32.4 | −32.3 | −32.1 | −33.0 | −33.0 | −37.91 | −32.1 | −44.6 | 12.5 |
| 3 | −35.6 | −35.2 | −36.1 | −36.6 | −37.3 | −38.1 | −38.6 | −38.4 | −37.6 | −37.1 | −37.1 | −36.5 | −35.1 | −34.1 | −34.1 | −33.1 | −32.2 | −30.6 | −29.8 | −29.3 | −29.1 | −28.6 | −28.1 | −28.7 | −33.96 | −28.1 | −38.6 | 10.5 |
| 4 | −28.6 | −29.6 | −30.1 | −30.0 | −31.5 | −31.8 | −32.0 | −31.3 | −30.6 | −30.6 | −30.7 | −30.6 | **−30.1** | −29.7 | −29.8 | −29.9 | **−30.3** | **−32.6** | −34.1 | −34.5 | −35.1 | −35.3 | −35.0 | −35.8 | −31.65 | −28.6 | −35.8 | 7.2 |
| 5 | −36.8 | −36.9 | −36.8 | −37.2 | −37.1 | −36.8 | −36.6 | −36.7 | −36.6 | −36.6 | −36.3 | −35.9 | −35.6 | −36.1 | −35.7 | −36.2 | −36.6 | −36.7 | −37.0 | −37.2 | −35.8 | −33.2 | −33.4 | −33.4 | −36.13 | −33.2 | −37.2 | 4.0 |
| 6 | −32.2 | −31.4 | −29.7 | −29.5 | −29.6 | −29.1 | −29.5 | −29.6 | −29.6 | −30.9 | −31.1 | −30.3 | −29.1 | −28.6 | −28.6 | −28.5 | −28.4 | −28.4 | −28.1 | −28.2 | −28.0 | −28.1 | −28.0 | −28.0 | **−29.27** | −28.0 | −32.2 | 4.2 |
| 7 | −28.2 | −28.6 | −29.4 | −29.6 | −30.0 | −31.9 | −30.6 | −30.1 | −30.2 | −30.6 | −34.5 | −32.5 | **−34.5** | −34.5 | −34.0 | −36.1 | −37.6 | −37.1 | −39.1 | −39.1 | −39.8 | −39.9 | −38.6 | −38.1 | −33.94 | −28.2 | −39.9 | 11.7 |
| 8 | −38.0 | −37.6 | −37.6 | −37.8 | −36.6 | −38.4 | −38.1 | −38.4 | −38.3 | −38.1 | −35.6 | −34.2 | −34.1 | −32.6 | −32.1 | −32.1 | −31.1 | −29.6 | −29.2 | −28.6 | −29.1 | −28.6 | −29.1 | −29.1 | −33.92 | −28.6 | −38.4 | 9.8 |
| 9 | −29.2 | −29.7 | −30.1 | −31.5 | −33.1 | −33.6 | −34.9 | −35.1 | −35.6 | −36.1 | −36.8 | −37.1 | −38.1 | −37.9 | −38.0 | −38.3 | −37.7 | −37.8 | −38.0 | −38.6 | −39.1 | −39.2 | −40.0 | −40.2 | −36.07 | −29.2 | −40.2 | 11.0 |
| 10 | −40.1 | −39.9 | −39.9 | −39.5 | −38.8 | −39.1 | −39.1 | −38.6 | −39.3 | −38.7 | −36.3 | −36.6 | −36.1 | −36.5 | −37.0 | −38.1 | −39.3 | −40.0 | −40.5 | −40.6 | −41.0 | −41.4 | −41.6 | −41.6 | −39.15 | −36.1 | −41.6 | 5.5 |
| 11 | −41.9 | −41.9 | −42.1 | −42.2 | −42.3 | −42.7 | −42.6 | −43.0 | −42.1 | −42.4 | −43.1 | −43.6 | −41.1 | −38.6 | −38.4 | −37.3 | −37.7 | −36.1 | −34.8 | −34.6 | −38.1 | −37.1 | −35.6 | −35.1 | −39.77 | −34.6 | −43.6 | 9.0 |
| 12 | −34.6 | −34.3 | −33.7 | −33.7 | −33.5 | −33.6 | −33.1 | −33.0 | −33.0 | −33.1 | −33.1 | −32.7 | −32.7 | −32.1 | −32.6 | −32.1 | −31.1 | −32.1 | −34.5 | −36.5 | −37.1 | −37.6 | −38.1 | −39.4 | −34.05 | −31.1 | −39.4 | 8.3 |
| 13 | −37.1 | −36.3 | −35.2 | −36.1 | −38.7 | −39.9 | −40.8 | −41.6 | −38.6 | −36.9 | −38.9 | −39.9 | −40.7 | −40.6 | −40.1 | −40.3 | −40.9 | −40.7 | −41.6 | −42.5 | −42.9 | −42.6 | −43.2 | −43.6 | −40.06 | −35.2 | −43.6 | 8.4 |
| 14 | −43.7 | −43.9 | −43.5 | −42.6 | −41.6 | −42.1 | −42.1 | −41.9 | −42.9 | −41.5 | −41.6 | −41.5 | −42.1 | −42.4 | −42.3 | −42.3 | −42.3 | −42.5 | −42.7 | −42.6 | −42.7 | −42.7 | −42.9 | −43.1 | −42.47 | −41.5 | −43.9 | 2.4 |
| 15 | −48.1 | −43.4 | −43.4 | −43.9 | −43.6 | −43.6 | −43.1 | −42.9 | −42.9 | −42.9 | −42.4 | −42.6 | **−42.3** | −43.0 | −41.6 | −41.3 | −41.0 | −40.5 | −40.1 | −39.1 | −39.1 | −38.4 | −38.1 | −37.4 | −41.61 | −37.4 | −43.9 | 6.5 |
| 16 | −37.2 | −36.4 | −36.3 | −35.6 | −34.6 | −33.2 | −31.9 | −31.1 | −30.7 | −30.7 | −30.9 | −31.8 | −31.8 | −31.7 | −31.6 | −32.6 | −33.8 | −34.5 | −34.6 | −33.6 | −33.6 | −33.6 | −34.0 | −34.1 | −33.33 | −30.7 | −37.2 | 6.5 |
| 17 | −35.1 | −34.4 | −35.1 | −34.6 | −33.6 | −34.2 | −35.4 | −35.4 | −35.6 | −35.1 | −34.1 | −33.7 | −33.6 | −33.6 | −32.1 | −29.6 | −28.9 | −29.4 | −28.7 | **−27.7** | −26.6 | −26.7 | −28.0 | −28.3 | −32.06 | **−26.6** | −35.6 | 9.0 |
| 18 | −28.1 | −27.8 | **−27.6** | −28.2 | −30.1 | −31.1 | −31.6 | −32.1 | −32.5 | −31.6 | −30.1 | −29.9 | −30.4 | −32.6 | −32.6 | −33.3 | −34.0 | −33.8 | −34.1 | −33.5 | −34.0 | −33.3 | −33.8 | −33.7 | −31.66 | −27.6 | −34.1 | 6.5 |
| 19 | −32.7 | −32.7 | −32.7 | −32.1 | −31.6 | −32.1 | −32.1 | −32.1 | −32.1 | −32.4 | −32.5 | −32.3 | **−33.3** | −33.5 | −33.3 | −33.7 | −33.8 | −33.6 | −34.1 | −34.2 | −34.7 | −34.7 | −35.0 | −35.6 | −33.20 | −31.6 | −35.6 | 4.0 |
| 20 | −35.6 | −35.0 | −34.1 | −34.1 | −32.6 | −31.2 | −30.6 | −31.2 | −30.6 | −30.9 | −30.4 | −31.1 | **−31.3** | −31.4 | −32.2 | −32.6 | −33.6 | −33.8 | −33.1 | −31.6 | −32.3 | −32.1 | −31.6 | −32.1 | −32.30 | −30.4 | −35.6 | 5.2 |
| 21 | −31.8 | −33.4 | −34.4 | −35.6 | −36.1 | −36.7 | −38.1 | −38.2 | −38.0 | −38.1 | −38.1 | −39.1 | −39.6 | −39.9 | −40.0 | −40.3 | −40.4 | −40.6 | −40.6 | −41.0 | −41.1 | −40.6 | −40.8 | −41.1 | −38.48 | −31.8 | −41.1 | 9.3 |
| 22 | −41.3 | −41.8 | −42.0 | −41.9 | −42.2 | −42.6 | −43.5 | −42.5 | −42.6 | −42.7 | −42.7 | −42.6 | −42.4 | −42.5 | −42.5 | −42.8 | −43.0 | −42.8 | −42.9 | −42.6 | −42.3 | −42.1 | −42.2 | −42.4 | −42.41 | −41.3 | −43.0 | 1.7 |
| 23 | −42.5 | −43.1 | −42.8 | −42.6 | −42.6 | −42.6 | −42.6 | −42.3 | −42.3 | −42.3 | −42.5 | −42.6 | −42.7 | −42.7 | −42.7 | −43.0 | −42.9 | −42.6 | −43.0 | −43.1 | −42.7 | −42.6 | −42.1 | −42.5 | −42.65 | −42.1 | −43.1 | 1.0 |
| 24 | −40.7 | −39.6 | −38.9 | −39.6 | −39.6 | −39.8 | −40.4 | −40.5 | −40.6 | −40.5 | −40.1 | −39.7 | −38.6 | −39.1 | −38.6 | **−38.6** | −38.6 | −37.7 | −37.9 | −38.1 | −38.7 | −39.0 | −38.8 | −38.6 | −39.26 | −37.7 | **−40.7** | **3.0** |
| 25 | −38.6 | −38.7 | −38.7 | −38.8 | −38.5 | −38.6 | −39.1 | −39.8 | −39.6 | −40.1 | −40.5 | −40.4 | −40.2 | −40.6 | −40.5 | −40.6 | −40.7 | −41.1 | −40.6 | −40.8 | −40.6 | −40.7 | −41.0 | −41.3 | −39.98 | −38.5 | −41.3 | 2.8 |
| 26 | −41.5 | −41.4 | −41.4 | −41.5 | −41.2 | −41.0 | −39.7 | −39.0 | −39.1 | −37.9 | −37.8 | −38.6 | −39.6 | −39.7 | −41.0 | −41.1 | −41.4 | −41.5 | −41.5 | −41.6 | −41.3 | −41.6 | −41.7 | −41.7 | −40.58 | **−37.8** | **−41.7** | 3.9 |
| **27** | −42.1 | **−41.2** | −41.3 | −41.3 | −41.1 | −41.1 | −40.6 | −40.3 | −41.1 | **−41.6** | −41.1 | −40.6 | −41.2 | −42.1 | −42.2 | −42.6 | −43.0 | −43.0 | −43.2 | −43.1 | −42.8 | −41.9 | −41.1 | −41.1 | −41.70 | **−40.3** | **−43.2** | 2.9 |
| 28 | −41.2 | −41.6 | −41.7 | −41.6 | −41.8 | −42.3 | −41.6 | −40.7 | −41.0 | −42.0 | −42.6 | −42.9 | −42.9 | −42.7 | −42.1 | −41.7 | −42.0 | −42.6 | −42.6 | −42.8 | −43.4 | −43.2 | −43.6 | −43.7 | −42.25 | −40.7 | −43.7 | 3.0 |
| 29 | −43.9 | −44.0 | −44.2 | −44.6 | −44.5 | −44.4 | −44.6 | −44.6 | −44·7 | −44.9 | −44.9 | −44.8 | −45.1 | −45.1 | −45.0 | −44.7 | −44.6 | −44.9 | −45.1 | −45.5 | −44.8 | −48.1 | −48.6 | −48.5 | −45.17 | −43.9 | −48.6 | 4,7 |
| 30 | −47.9 | −48.7 | −48.4 | −47.1 | −47.1 | −47.1 | −48.3 | −48.3 | −48.6 | −48.6 | −48.1 | −47.9 | −48.1 | −47.2 | −47.0 | −46.8 | −47.5 | −47.2 | −46.6 | −46.6 | −47.1 | −46.5 | −47.4 | −48.0 | −47.59 | −46.5 | −48.7 | 2.2 |
| 31 | −48.0 | −48.1 | −48.1 | −47.6 | −48.6 | −48.6 | −49.1 | −49.6 | −49.2 | −50.6 | −50.1 | **−50.3** | −49.7 | −50.2 | −50.1 | −50.4 | −50.1 | −49.9 | −50.0 | −49.1 | −49.5 | −50.1 | −49.2 | −48.6 | **−49.37** | −47.6 | **−50.6** | 3.0 |
| Среднее Mittel | −38.26 | −38.28 | −38.25 | −38.31 | −38.37 | −38.63 | **−38.72** | −38.63 | −38.56 | −38.55 | −38.43 | −38.31 | −38.25 | −38.13 | **−38.02** | −38.06 | −38.15 | −38.13 | −38.24 | −38.20 | −38.43 | −38.32 | −38.39 | −38.47 | −38.34 | −35.23 | −41.11 | 5.88 |

## Февраль 1883.

## Februar 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −48.5 | −48.7 | −48.6 | −48.3 | −47.2 | −46.5 | −47.1 | −45.9 | −45.4 | −46.4 | −46.2 | −46.1 | −46.2 | −45.9 | −45.7 | −45.5 | −45 7 | −45.6 | −45.6 | −44.7 | −44.1 | −45.0 | −45.5 | −45.0 | −46.23 | −44.1 | −48.7 | 4.6 |
| 2 | −45.0 | −46.0 | −46.0 | −46.4 | −45.6 | −46.0 | −45.1 | −46.8 | −47.0 | −47.0 | −45.6 | −45.4 | −44.2 | −44.1 | −42.6 | −42.1 | −41.6 | −39.6 | −39.1 | −38.1 | −38.0 | −37.1 | −37.3 | −36.6 | −43.01 | −36.6 | −47.0 | 10.4 |
| 3 | −35.1 | −36.5 | −36.6 | −37.8 | −36.1 | −35.2 | −36.0 | −37.5 | −37.7 | −35.7 | −34.1 | −33.1 | −34.3 | −33.1 | −34.6 | −33.7 | −32.7 | −33.1 | −34.1 | −34.6 | −34.2 | −34.5 | −34.7 | −35.2 | −34.99 | −32.7 | −37.7 | 5.0 |
| 4 | −35.1 | −35.6 | −36.2 | −36.1 | −36.1 | −35.1 | −35.8 | −35.8 | −36.4 | −37.7 | −37.2 | −36.6 | −36.8 | −37.1 | −37.1 | −39.3 | −39.7 | −40.3 | −40.7 | −41.2 | −41.9 | −41.7 | −42.6 | −42.7 | −38.10 | −35.1 | −42.7 | 7.6 |
| 5 | −42.6 | −41.6 | −41.1 | −41.3 | −41.6 | −42.6 | −42.2 | −42.2 | −49.7 | −43.6 | −44.4 | −44.5 | −45.1 | −45.2 | −45.2 | −45.5 | −45.7 | −45.9 | −46.1 | −46.6 | −46.9 | **−46.2** | −45.6 | −45.0 | −44.43 | −41.1 | −49.7 | 8.6 |
| 6 | −44.4 | −44.6 | −45.7 | −46.2 | −47.9 | −48.1 | −48.7 | −49.0 | −49.1 | −48.4 | −48.6 | −48.9 | −48.8 | −49.0 | −49.2 | −50.1 | −50.0 | −50.6 | −50.7 | −49.9 | −50.4 | −50.5 | −50.1 | −50.5 | −48.73 | −44.4 | −50.6 | 6.2 |
| 7 | −50.9 | −51.1 | −51.3 | −51.0 | −51.6 | −51.3 | −52.1 | −52.2 | −52.6 | −52.6 | −52.6 | −53.4 | −52.7 | −52.3 | −52.1 | −53 5 | −54.4 | −54.7 | −55.0 | −53.9 | −56.3 | −54.8 | −55.0 | −54.6 | −53.00 | −50.9 | **−56.3** | 5.4 |
| 8 | −54.1 | −54.9 | −54.9 | −55.3 | −55.3 | −55.5 | −55.6 | −55.4 | −55.5 | −54.9 | −55.0 | −54.6 | −54.4 | −54.3 | −55.0 | **−53.6** | −53.1 | −52.5 | −52.5 | −52.2 | −53.1 | −53.5 | −53.2 | −53.5 | **−54.25** | −52.2 | −55.6 | 3.4 |
| 9 | −52.3 | −54.6 | −54.1 | −55.1 | −54.6 | −54.7 | −55.9 | −55.6 | −54.6 | −54.2 | −54.2 | −54.2 | −53.8 | −53.8 | −53.9 | −52.3 | −51.6 | −50.4 | −50.1 | −51.6 | −51.1 | −50.5 | −49.6 | −51.1 | −53.08 | −49.6 | −55.9 | 6.3 |
| 10 | −51.5 | −51.5 | −51.1 | −49.6 | −49.6 | −51.3 | −52.2 | −51.0 | −50.1 | −51.1 | −52.4 | −52.1 | −52.9 | −52.7 | −52.7 | −53.1 | −52.7 | −52.8 | −53.1 | −53.6 | −52.8 | −52.1 | −52.6 | −52.1 | −51.95 | −49.6 | −53.6 | 4.0 |
| 11 | −51.2 | −51.0 | −51.2 | −50.5 | −51.1 | −51.3 | −51.9 | −51.9 | −52.1 | −52.1 | −51.8 | −51.0 | −50.9 | −51.6 | −51.6 | −51.3 | −51.3 | −51.5 | −51.7 | −51.6 | −50.6 | −51.1 | −50.2 | −50.6 | −51.30 | −50.2 | −52.1 | 1.9 |
| 12 | −50.1 | −50.5 | −51.0 | −50.5 | −51.3 | −50.6 | −49.6 | −48.7 | −49.6 | −49.6 | −49.0 | −49.3 | −48.6 | −48.5 | −48.5 | −48.0 | −48.8 | −48.1 | −49.1 | −48.6 | −47.4 | −48.1 | −48.2 | −49.1 | −49.20 | −47.4 | −51.3 | 3.9 |
| 13 | −49.1 | −48.6 | −48.1 | −48.6 | −49.0 | −48.7 | −48.2 | −48.5 | −47.7 | −46.7 | −46.5 | −45.4 | −44.6 | −45.1 | −45.3 | −45.6 | −45.1 | −45.1 | −44.1 | −43.5 | −43.5 | −43.4 | −43.4 | −43.0 | −46.12 | −43.0 | −49.1 | 6.1 |
| 14 | −42.1 | −41.7 | −42.4 | −41.7 | −41.4 | −41.5 | −41.8 | −42.0 | −40.6 | −39.6 | −39.3 | −38.6 | −38.5 | −38.5 | −37.6 | −37.1 | −37.0 | −37.0 | −36.3 | −36.1 | −35.8 | −35.7 | −34.9 | −34.6 | −38.83 | −34.6 | −42.4 | 7.8 |
| 15 | −34.0 | −33.7 | −33.1 | −33.3 | −33.3 | −33.6 | −33.5 | −33.4 | −33.3 | −34.3 | −35.5 | −36.3 | −37.1 | −38.1 | −37.3 | −37.3 | −38.3 | −38.6 | −38.5 | −38.1 | −37.8 | −36.8 | −37.4 | −37.1 | −35.82 | −33.1 | −38.6 | 5.5 |
| 16 | −37.1 | −37.7 | −37.8 | −37.3 | −37.1 | −39.0 | −39.1 | −41.2 | −41.7 | −42.6 | −43.8 | −42.6 | −42.8 | −40.5 | −40.1 | −40.1 | −42.5 | −43.0 | −43.2 | −43.8 | −43.6 | −43.8 | −44.1 | −43.6 | −41.13 | −37.1 | −44.1 | 7.0 |
| 17 | −43.6 | −44.5 | −44.7 | −45.0 | −45.6 | −46.1 | −46.1 | −46.1 | −46.5 | −46.2 | −46.1 | −46.5 | −47.0 | −46.5 | −46.6 | −47.1 | −47.6 | −46.7 | −45.6 | −45.6 | −46.1 | −45.8 | −47.5 | −46.4 | −46.06 | −43.6 | −47.6 | 4.0 |
| 18 | −46.6 | −45.8 | −45.7 | −46.4 | −47.7 | −48 0 | −48.6 | −48.7 | −49.7 | −49.6 | −49.7 | −49.3 | −49.1 | −48.6 | −48.5 | −49.0 | −49.1 | −49.1 | −48.9 | −48.6 | −49.5 | −49.8 | −50.1 | −50.1 | −48.59 | −45.7 | −50.1 | 4.4 |
| 19 | −50.2 | −50.7 | −50.6 | −51.1 | −50.7 | −50.1 | −50.3 | −49.6 | −50.5 | −50.4 | −50.0 | −49.6 | −50.1 | −49.0 | −49.6 | −50.1 | −49.5 | −50.0 | −49.7 | **−50.2** | −50.1 | −50.1 | −49.6 | −50.0 | −50.08 | −49.0 | −51.1 | 2.1 |
| 20 | −49.9 | −49.6 | −49.4 | −48.9 | −49.1 | −49.8 | −50.4 | −50.0 | −50.0 | −49.7 | −49.4 | −49.1 | −49.0 | −49.0 | −49.0 | −49.1 | −49.4 | −49.3 | −49.2 | −49.3 | −48.9 | −49.0 | −49.6 | −49.8 | −49.41 | −48.9 | −50.4 | 1.5 |
| 21 | −49.4 | −49.4 | −49.6 | −49.4 | −50.1 | −50.7 | −49.6 | −49.6 | −49.5 | −48.6 | −48.3 | −48.1 | −48.4 | −48.1 | −48.1 | −48.2 | −49.1 | −49.1 | −49.1 | −50.2 | −49.7 | −49.7 | −50.8 | −50.7 | −49.31 | −48.1 | −50.8 | 2.7 |
| 22 | −50.6 | −50.6 | −51.0 | −50.6 | −50.9 | −50.6 | −50.6 | −50.6 | −50.0 | −49.5 | −48.1 | −47.6 | −46.7 | −46.6 | **−46.7** | −46.7 | −46.5 | −45.7 | −45.0 | −44.6 | −43.6 | −42.3 | −41.1 | −39.7 | −47.33 | −39.7 | −51.0 | 11.3 |
| 23 | −38.2 | −37.6 | −36.6 | −35.9 | −35.2 | −35.2 | −35.1 | −34.7 | −33.9 | −33.6 | −33.4 | −32.6 | −32.3 | −33.6 | −32.7 | −32.9 | −33.1 | −33.2 | −32.1 | −33.1 | −32.1 | −33.1 | −32.6 | −33.1 | −33.95 | −32.1 | −38.2 | 6.1 |
| 24 | −34.1 | −34.7 | −34.3 | −34.2 | −34.1 | −34.1 | −34.5 | −35.2 | −35.6 | −35.8 | −35.9 | −35.0 | −35.3 | −35.3 | −36.6 | −36.6 | −37.1 | −38.1 | −37.8 | −38.1 | −39.5 | −39.0 | −38.9 | −39.1 | −36.20 | −34.1 | −39.5 | 5.4 |
| 25 | −39.8 | −38.7 | −39.1 | −39.1 | −39.3 | −39.2 | −38.3 | −37.6 | −37.1 | −36.1 | −35.7 | −35.3 | −32.7 | −33.3 | −32.5 | −32.3 | **−32.9** | −32.1 | −32.9 | −33.6 | −34.1 | −35.2 | −36.6 | −37.5 | −35.88 | −32.1 | −39.8 | 7.7 |
| 26 | −38.7 | −39.5 | −40.2 | −40.8 | −41.2 | −41.7 | −42.3 | −42.5 | −42.4 | −42.4 | −39.1 | −36.3 | −33.9 | −32.8 | −32.1 | −32.0 | −31.9 | −31.6 | −32.7 | −31.5 | −31.1 | −31.1 | −32.1 | −32.1 | −36.33 | −31.1 | −42.5 | 11.4 |
| 27 | −31.7 | −32.1 | −31.3 | −31.0 | −30.2 | −30.1 | −30.1 | −29 9 | −29.3 | −29.0 | −28.6 | −28.2 | −28.1 | −28.1 | −28.1 | −28.6 | −29.3 | −29.0 | −30.1 | −30.7 | −33.4 | −34.6 | −37.2 | −38.6 | **−30.76** | **−28.1** | −38.6 | 10.5 |
| 28 | −40.1 | −40.5 | −40.8 | −41.8 | −42.3 | −42.6 | −43.1 | −37.8 | −35.0 | −33.1 | −31.3 | −30.1 | −29.2 | −28.7 | −28.7 | −28.5 | −28.6 | −28.6 | −28.5 | −28.6 | −29.1 | −30.2 | −30.4 | −31.9 | −33.73 | −28.5 | **−43.1** | 14.6 |
| Среднее Mittel | −44.14 | −44.36 | −44.38 | −44.38 | −44.47 | −44.61 | **−44.78** | −44.62 | −44.74 | −44.30 | −43.96 | −43.56 | −43.32 | −43.16 | **−43.13** | −43.19 | −43.37 | −43.29 | **−43.27** | −43.29 | −43.38 | −43.38 | −43.60 | −43.69 | −43.85 | −40.81 | −47.08 | 6.27 |

## Мартъ 1883. — März 1883.

Среднее мѣстное время. — Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —34.6 | —36.2 | —37.4 | —38.1 | —38.0 | —38.6 | —39.1 | —38.6 | —38.5 | —37.7 | —37.7 | —38.3 | —37.9 | —38.0 |
| 2 | —40.1 | —40.2 | —40.3 | —40.4 | —40.2 | —40.1 | —40.5 | —40.0 | —40.0 | —39.6 | —39.2 | —39.3 | —39.4 | —39.2 |
| 3 | —31.1 | —31.0 | —30.0 | —28.9 | —29.1 | —29.0 | —28.1 | —27.6 | —29.0 | —30.6 | —30.0 | —29.0 | —28.1 | —29.2 |
| 4 | —30.1 | —30.0 | —29.6 | —29.3 | —29.9 | —29.8 | —29.8 | —30.6 | —31.8 | —31.6 | —31.0 | —31.0 | —30.9 | —30.2 |
| 5 | —34.5 | —34.6 | —36.9 | —37.5 | —38.0 | —38.4 | —37.8 | —38.1 | —37.6 | —37.5 | —37.1 | —36.6 | —36.6 | —35.9 |
| 6 | —40.9 | —41.1 | —41.1 | —42.0 | —43.0 | —43.1 | —42.2 | —42.6 | —42.1 | —41.9 | —41.3 | —40.3 | —40.1 | —39.1 |
| 7 | —41.7 | —42.2 | —42.4 | —42.6 | —42.1 | —42.6 | —41.4 | —41.5 | —41.8 | —40.8 | —40.1 | —39.5 | —38.5 | —38.6 |
| 8 | —42.5 | —42.5 | —42.7 | —42.7 | —43.1 | —42.6 | —41.3 | —41.0 | —40.0 | —40.0 | —39.1 | —38.9 | —38.1 | —38.1 |
| 9 | —40.5 | —40.7 | —40.6 | —40.6 | —39.7 | —39.9 | —39.9 | —39.5 | —37.9 | —37.5 | —37.7 | —36.6 | —36.2 | —36.2 |
| 10 | —38.9 | —38.7 | —38.9 | —39.0 | —38.9 | —39.1 | —39.1 | —38.9 | —38.4 | —37.6 | —36.8 | —36.1 | —34.9 | —34.3 |
| 11 | —35.1 | —36.1 | —36.1 | —36.0 | —36.2 | —35.1 | —35.5 | —35.6 | —34.1 | —33.0 | —31.1 | —29.9 | —30.6 | —31.5 |
| 12 | —34.7 | —35.7 | —36.2 | —37.0 | —37.2 | —37.7 | —38.4 | —38.1 | —38.1 | —37.1 | —36.6 | —36.5 | —36.4 | —36.4 |
| 13 | —40.3 | —40.3 | —40.6 | —40.7 | —40.7 | —40.6 | —41.0 | —41.1 | —40.2 | —38.5 | —36.2 | —35.2 | —34.4 | —34.4 |
| 14 | —27.1 | —25.1 | —24.1 | —23.6 | —21.6 | —21.2 | —21.1 | —20.9 | —20.2 | —19.6 | —19.0 | —18.7 | —18.7 | —18.7 |
| 15 | —21.5 | —20.9 | —20.7 | —21.1 | —22.2 | —25.1 | —26.4 | —26.1 | —24.6 | —25.1 | —25.1 | —25.1 | —25.1 | —26.0 |
| 16 | —35.2 | —35.6 | —36.2 | —36.2 | —36.4 | —36.1 | —36.4 | —36.1 | —34.5 | —33.0 | —31.6 | —30.3 | —30.1 | —30.1 |
| 17 | —36.3 | —36.7 | —36.6 | —36.9 | —36.8 | —37.1 | —36.3 | —35.6 | —34.2 | —33.1 | —32.1 | —31.2 | —30.6 | —30.6 |
| 18 | —34.6 | —34.9 | —35.1 | —35.5 | —35.3 | —35.6 | —34.9 | —34.6 | —33.6 | —32.2 | —31.1 | —30.3 | —29.7 | —29.3 |
| 19 | —33.6 | —33.7 | —34.1 | —34.5 | —34.3 | —34.3 | —34.7 | —33.9 | —33.0 | —30.8 | —29.3 | —29.7 | —28.6 | —29.0 |
| 20 | —38.7 | —38.7 | —40.1 | —40.6 | —40.0 | —40.3 | —39.8 | —38.6 | —37.0 | —34.7 | —33.4 | —32.5 | —31.6 | —31.6 |
| 21 | —38.1 | —38.1 | —38.6 | —39.6 | —39.6 | —40.0 | —38.6 | —37.5 | —37.1 | —34.6 | —33.0 | —32.0 | —30.9 | —30.8 |
| 22 | —39.3 | —37.6 | —35.7 | —35.6 | —35.0 | —34.1 | —32.5 | —31.1 | —30.1 | —29.1 | —28.0 | —27.4 | —28.3 | —28.5 |
| 23 | —33.7 | —35.3 | —35.4 | —34.2 | —34.5 | —34.9 | —36.6 | —35.6 | —35.6 | —34.1 | —33.6 | —32.7 | —31.7 | —32.0 |
| 24 | —37.1 | —37.5 | —37.1 | —37.1 | —36.3 | —35.6 | —34.9 | —33.3 | —32.6 | —28.3 | —26.5 | —26.5 | —27.4 | —27.7 |
| 25 | —31.1 | —32.0 | —34.6 | —35.1 | —36.6 | —36.9 | —36.5 | —36.1 | —35.7 | —36.0 | —34.0 | —33.4 | —33.0 | —33.2 |
| 26 | —38.6 | —38.9 | —39.1 | —39.3 | —39.6 | —39.6 | —39.6 | —40.2 | —39.1 | —37.5 | —36.9 | —36.4 | —36.4 | —36.3 |
| 27 | —43.1 | —43.0 | —43.1 | —43.1 | —42.6 | —42.6 | —40.3 | —38.9 | —37.2 | —36.0 | —35.1 | —34.1 | —34.1 | —34.1 |
| 28 | —41.1 | —40.7 | —40.6 | —39.1 | —37.5 | —37.6 | —37.7 | —37.5 | —36.6 | —35.8 | —35.1 | —34.7 | —34.0 | —34.0 |
| 29 | —40.1 | —39.1 | —37.8 | —40.1 | —39.9 | —39.5 | —39.1 | —38.6 | —36.7 | —35.6 | —33.2 | —33.1 | —31.8 | —29.8 |
| 30 | —36.6 | —37.5 | —37.6 | —35.6 | —36.1 | —35.5 | —34.1 | —31.7 | —30.7 | —29.1 | —28.6 | —27.6 | —26.1 | —23.3 |
| 31 | —33.2 | —32.7 | —31.9 | —31.9 | —30.1 | —28.6 | —26.1 | —25.7 | —25.1 | —24.4 | —22.6 | —21.2 | —20.5 | —21.0 |
| Среднее Mittel | —36.26 | —36.36 | —36.49 | **—36.58** | —36.47 | —36.49 | —36.12 | —35.65 | —34.94 | —33.95 | —32.97 | —32.39 | —31.96 | **—31.9** |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —38.5 | —39.0 | —39.2 | —39.6 | —39.9 | —40.1 | —40.1 | —40.1 | —40.1 | —40.1 | —38.56 | —34.6 | —40.1 | 5.5 |
| 2 | —39.0 | —37.2 | —35.5 | —34.2 | —33.5 | —32.2 | —34.8 | —35.1 | —34.0 | —32.1 | —37.75 | —32.1 | —40.4 | 8.3 |
| 3 | —30.5 | —30.6 | —30.6 | —31.5 | —31.4 | —29.6 | —29.4 | —30.1 | —30.6 | —30.8 | —29.83 | —27.6 | —31.5 | 3.9 |
| 4 | —30.2 | —30.9 | —31.1 | —32.1 | —33.1 | —33.6 | —34.3 | —34.5 | —34.4 | —34.5 | —31.43 | —29.3 | —34.5 | 5.2 |
| 5 | —37.3 | —37.1 | —38.1 | —38.2 | —39.0 | —39.0 | —39.7 | —40.0 | —40.2 | —40.3 | —37.75 | —34.5 | —40.3 | 5.8 |
| 6 | —39.1 | —41.2 | —41.7 | —42.3 | —41.3 | —41.6 | —41.1 | —41.1 | —42.1 | —42.0 | **—41.43** | —39.1 | **—43.1** | 4.0 |
| 7 | —38.7 | —39.8 | —40.8 | —40.6 | —40.5 | —40.4 | —40.5 | —41.7 | —41.6 | —42.2 | —40.94 | —38.5 | —42.6 | 4.1 |
| 8 | —35.7 | —38.1 | —40.3 | —38.6 | —39.1 | —39.4 | —38.8 | —39.1 | —39.8 | —40.1 | —40.07 | —35.7 | —43.1 | 7.4 |
| 9 | —36.1 | —36.6 | —37.8 | —38.1 | —37.7 | —38.1 | —39.0 | —38.5 | —38.7 | —38.6 | —38.45 | —36.1 | —40.7 | 4.6 |
| 10 | —33.1 | —34.3 | —36.2 | —36.7 | —36.0 | —37.0 | —37.1 | —37.4 | —37.8 | —37.5 | —37.20 | —33.1 | —39.1 | 6.0 |
| 11 | —32.2 | —30.9 | —31.5 | —33.6 | —33.2 | —32.1 | —34.1 | —35.1 | —35.6 | —34.7 | —33.70 | —29.9 | —36.2 | 6.3 |
| 12 | —36.6 | —37.0 | —37.6 | —38.1 | —38.6 | —39.0 | —39.1 | —39.6 | —40.0 | —40.1 | —37.58 | —34.7 | —40.1 | 5.4 |
| 13 | —34.9 | —34.2 | —33.8 | —33.6 | —32.5 | —31.7 | —31.1 | —30.8 | —29.5 | —28.0 | —36.01 | —28.0 | —41.1 | 13.1 |
| 14 | —18.3 | —19.9 | —20.9 | —21.0 | —21.1 | —20.8 | —21.1 | —21.1 | —21.0 | —21.6 | **—21.10** | **—18.3** | —27.1 | 8.8 |
| 15 | —27.8 | —27.4 | —27.8 | —30.0 | —31.6 | —32.6 | —33.7 | —34.8 | —34.2 | —35.2 | —27.09 | —20.7 | —35.2 | 14.5 |
| 16 | —31.8 | —32.4 | —33.1 | —34.1 | —34.1 | —34.4 | —34.8 | —35.0 | —35.1 | —35.6 | —34.09 | —30.1 | —36.4 | 6.3 |
| 17 | —30.8 | —31.2 | —31.6 | —32.6 | —33.0 | —33.3 | —33.5 | —33.8 | —34.1 | —34.0 | —33.83 | —30.6 | —37.1 | 6.5 |
| 18 | —30.0 | —31.1 | —32.0 | —32.8 | —33.2 | —33.6 | —33.8 | —34.2 | —34.2 | —33.6 | —33.13 | —29.3 | —35.6 | 6.3 |
| 19 | —28.7 | —31.4 | —32.7 | —33.6 | —34.6 | —36.6 | —37.6 | —37.2 | —37.8 | —38.3 | —33.42 | —28.6 | —38.3 | 9.7 |
| 20 | —32.1 | —34.5 | —35.8 | —37.1 | —37.1 | —38.0 | —38.9 | —37.6 | —37.1 | —37.9 | —36.82 | —31.6 | —40.6 | 9.0 |
| 21 | —31.9 | —33.6 | —36.3 | —37.4 | —38.6 | —39.3 | —39.7 | —40.1 | —40.4 | —40.6 | —36.93 | —30.8 | —40.6 | 9.8 |
| 22 | —29.5 | —29.7 | —29.5 | —30.5 | —30.6 | —30.5 | —30.5 | —32.5 | —32.8 | —33.1 | —31.73 | —27.4 | —39.3 | 11.9 |
| 23 | —32.6 | —34.6 | —35.2 | —35.8 | —36.6 | —36.3 | —36.6 | —36.6 | —37.2 | —37.1 | —34.94 | —31.7 | —37.2 | 5.5 |
| 24 | —29.7 | —31.2 | —30.9 | —31.0 | —31.1 | —30.5 | —29.8 | —29.1 | —29.2 | —29.8 | —31.68 | —26.5 | —37.5 | 11.0 |
| 25 | —33.7 | —34.6 | —35.6 | —36.5 | —37.2 | —37.5 | —37.8 | —37.6 | —37.1 | —37.8 | —35.40 | —31.1 | —37.8 | 6.7 |
| 26 | —37.5 | —38.1 | —39.1 | —40.1 | —41.2 | —42.1 | —42.7 | —42.5 | —43.1 | —43.1 | —39.46 | —36.3 | —43.1 | 6.8 |
| 27 | —33.5 | —34.3 | —35.4 | —36.8 | —38.1 | —39.0 | —39.5 | —40.0 | —40.1 | —40.7 | —38.53 | —33.5 | —43.1 | 9.6 |
| 28 | —33.5 | —34.1 | —35.0 | —36.2 | —37.6 | —38.6 | —39.1 | —39.6 | —40.6 | —41.1 | —37.39 | —33.5 | —41.1 | 7.6 |
| 29 | —30.1 | —32.7 | —33.8 | —34.9 | —35.8 | —35.6 | —36.1 | —36.5 | —36.6 | —35.7 | —35.93 | —29.8 | —40.1 | 10.3 |
| 30 | —22.6 | —26.6 | —27.1 | —28.0 | —28.6 | —29.6 | —30.2 | —31.5 | —30.4 | —32.6 | —30.72 | —22.6 | —37.6 | 15.0 |
| 31 | —24.7 | —24.0 | —24.4 | —27.1 | —27.8 | —28.1 | —28.6 | —28.3 | —27.1 | —27.0 | —26.88 | —20.5 | —33.2 | 12.7 |
| Среднее Mittel | —32.28 | —33.17 | —33.88 | —34.60 | —34.96 | —35.17 | —35.58 | —35.84 | —35.89 | —35.99 | —34.83 | —30.52 | —38.51 | 7.99 |

## Апрѣль 1883. — April 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —27.3 | —28.5 | —29.3 | —30.6 | —31.3 | —31.3 | —31.1 | —30.2 | —28.8 | —28.4 | —27.6 | —27.1 | —25.6 | —25.6 |
| 2 | —34.1 | —35.1 | —35.1 | —35.1 | —34.6 | —34.1 | —33.6 | —31.6 | —30.6 | —31.1 | —30.1 | —29.2 | —28.1 | —27.2 |
| 3 | —35.3 | —35.1 | —35.6 | —35.6 | —34.7 | —34.1 | —32.6 | —31.2 | —29.4 | —27.6 | —25.6 | —25.1 | —23.4 | —22.5 |
| 4 | —24.6 | —24.1 | —24.0 | —23.9 | —23.9 | —23.6 | —22.7 | —21.5 | —20.1 | —22.6 | —19.6 | —17.6 | —16.7 | —17.1 |
| 5 | —33.1 | —34.6 | —34.6 | —35.1 | —34.7 | —34.3 | —33.8 | —31.3 | —29.8 | —28.9 | —27.8 | —27.2 | —26.4 | —25.4 |
| 6 | —32.0 | —33.2 | —34.0 | —34.0 | —34.2 | —34.0 | —33.4 | —32.2 | —31.2 | —29.8 | —28.6 | —27.0 | —26.4 | —23.0 |
| 7 | —25.4 | —24.8 | —23.8 | —22.8 | —21.8 | —20.7 | —19.0 | —18.0 | —16.8 | —15.8 | —15.2 | —15.0 | —15.5 | —17.4 |
| 8 | —17.0 | —15.6 | —15.6 | —15.3 | —14.8 | —14.4 | —13.9 | —13.2 | —12.6 | —11.7 | —10.5 | — 9.9 | — 9.9 | — 9.8 |
| 9 | —16.9 | —17.5 | —17.1 | —17.1 | —16.2 | —15.5 | —14.7 | —13.6 | —12.9 | —11.4 | —11.0 | —10.2 | —10.0 | —10.0 |
| 10 | —11.8 | —11.4 | —12.0 | —15.6 | —15.4 | —15.8 | —18.9 | —18.8 | —19.0 | —18.8 | —18.8 | —18.6 | —18.4 | —18.7 |
| 11 | —31.0 | —31.6 | —32.0 | —32.4 | —32.6 | —31.4 | —29.4 | —27.6 | —26.5 | —25.0 | —24.4 | —24.0 | —22.2 | —22.0 |
| 12 | —20.9 | —21.0 | —21.1 | —20.6 | —20.0 | —19.1 | —17.5 | —17.6 | —18.4 | —18.2 | —17.4 | —17.4 | —15.8 | —17.2 |
| 13 | —21.8 | —24.2 | —25.4 | —26.0 | —26.2 | —23.6 | —19.4 | —17.3 | —14.8 | —13.6 | —16.4 | —16.8 | —13.4 | —11.7 |
| 14 | —16.6 | —16.4 | —16.4 | —16.5 | —16.2 | —15.8 | —15.0 | —13.7 | —12.4 | —11.4 | —13.4 | —14.1 | —10.7 | —10.4 |
| 15 | —14.6 | —14.0 | —15.2 | —15.0 | —15.1 | —14.3 | —13.5 | —11.9 | —10.9 | —14.7 | —16.7 | —16.5 | —15.0 | —14.5 |
| 16 | —27.1 | —26.6 | —26.6 | —27.7 | —27.1 | —25.6 | —24.4 | —24.2 | —24.0 | —23.8 | —22.8 | —22.0 | —19.8 | —19.0 |
| 17 | —22.6 | —24.4 | —21.8 | —20.6 | —19.8 | —18.5 | —17.9 | —15.9 | —14.2 | —13.0 | —12.1 | —11.4 | —13.6 | —14.9 |
| 18 | —29.4 | —30.5 | —29.9 | —30.1 | —29.6 | —27.9 | —26.8 | —25.6 | —24.3 | —22.4 | —21.4 | —19.5 | —17.4 | —16.2 |
| 19 | —27.2 | —27.2 | —27.1 | —26.6 | —26.8 | —25.4 | —23.8 | —22.6 | —22.0 | —20.2 | —19.8 | —18.3 | —16.5 | —15.8 |
| 20 | —29.6 | —29.0 | —30.6 | —29.6 | —28.6 | —27.9 | —26.0 | —24.5 | —23.2 | —20.8 | —15.2 | —14.2 | —13.3 | —14.5 |
| 21 | —23.3 | —22.2 | —22.2 | —23.4 | —22.6 | —23.4 | —20.6 | —19.4 | —17.4 | —15.4 | —14.0 | —14.5 | —14.6 | —15.4 |
| 22 | —27.3 | —28.4 | —28.4 | —28.4 | —28.4 | —26.2 | —21.8 | —20.4 | —19.0 | —17.2 | —17.4 | —16.6 | —16.6 | —20.0 |
| 23 | —28.2 | —29.2 | —29.4 | —29.4 | —28.8 | —27.9 | —23.4 | —22.0 | —20.0 | —17.2 | —16.7 | —14.6 | —14.6 | —15.5 |
| 24 | —20.1 | —20.1 | —20.1 | —20.1 | —20.0 | —20.0 | —23.8 | —21.9 | —21.5 | —20.0 | —19.4 | —19.0 | —18.8 | —16.8 |
| 25 | —22.4 | —22.6 | —22.2 | —21.6 | —20.8 | —20.8 | —19.2 | —19.2 | —18.2 | —16.6 | —16.2 | —15.4 | —15.4 | —15.3 |
| 26 | —26.2 | —26.6 | —26.8 | —25.4 | —24.1 | —22.4 | —19.0 | —17.3 | —15.4 | —13.3 | —12.6 | —12.5 | —12.2 | —12.6 |
| 27 | —16.7 | —16.7 | —16.8 | —16.4 | —15.9 | —15.8 | —14.9 | —14.0 | —13.2 | —12.6 | —11.4 | —11.2 | —11.2 | —10.8 |
| 28 | —21.4 | —21.6 | —24.1 | —22.0 | —21.4 | —20.2 | —20.8 | —17.2 | —16.0 | —15.0 | —13.8 | —14.2 | —12.3 | —13.4 |
| 29 | —28.2 | —28.8 | —25.8 | —24.8 | —22.7 | —21.2 | —19.4 | —19.5 | —17.6 | —15.2 | —14.0 | —14.0 | —12.4 | —12.2 |
| 30 | —20.1 | —20.0 | —19.6 | —19.2 | —19.0 | —17.6 | —16.4 | —15.1 | —13.6 | —12.5 | —12.5 | —13.1 | —12.0 | —12.4 |
| Среднее Mittel | —24.41 | —24.70 | **—24.75** | —24.70 | —24.24 | —23.43 | —22.22 | —20.95 | —19.79 | —18.81 | —18.08 | —17.54 | —16.61 | **—16.58** |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —25.6 | —27.5 | —28.2 | —30.3 | —31.6 | —30.4 | —31.1 | —31.9 | —32.8 | —32.9 | —29.38 | —25.6 | —32.9 | 7.3 |
| 2 | —27.4 | —28.2 | —28.6 | —29.8 | —31.7 | —32.6 | —33.4 | —34.2 | —35.1 | —35.1 | **—31.90** | —27.2 | —35.1 | 7.9 |
| 3 | —22.0 | —23.0 | —23.2 | —23.6 | —24.6 | —24.8 | —25.4 | —25.7 | —26.3 | —25.7 | —28.00 | —22.0 | **—35.6** | 13.6 |
| 4 | —17.1 | —20.6 | —22.6 | —25.3 | —27.0 | —27.5 | —29.1 | —29.2 | —31.2 | —33.3 | —23.54 | —16.7 | —33.3 | 16.6 |
| 5 | —24.2 | —26.6 | —24.1 | —28.8 | —30.4 | —31.8 | —31.9 | —33.2 | —32.2 | —31.6 | —30.49 | —24.1 | —35.1 | 11.0 |
| 6 | —22.7 | —26.2 | —24.8 | —27.4 | —28.4 | —28.8 | —29.4 | —29.6 | —27.6 | —26.8 | —29.36 | —22.7 | —34.2 | 11.5 |
| 7 | —18.0 | —19.2 | —18.0 | —18.0 | —18.4 | —17.8 | —17.6 | —17.4 | —17.0 | —16.8 | —18.76 | —15.0 | —25.4 | 10.4 |
| 8 | —10.2 | —11.9 | —13.4 | —14.6 | —15.6 | —16.1 | —16.4 | —16.6 | —16.4 | —16.4 | —13.83 | — 9.8 | —17.0 | 7.2 |
| 9 | — 9.3 | — 9.5 | —10.2 | —10.1 | —10.3 | —11.2 | —11.2 | —11.1 | —11.4 | —11.6 | **—12.50** | **— 9.3** | —17.5 | 8.2 |
| 10 | —19.4 | —21.4 | —22.4 | —24.1 | —25.8 | —27.6 | —28.8 | —29.2 | —30.0 | —30.6 | —20.47 | —11.4 | —30.6 | 19.2 |
| 11 | —22.6 | —24.6 | —23.0 | —21.6 | —22.5 | —24.8 | —24.4 | —22.4 | —21.8 | —21.3 | —25.88 | —21.3 | —32.6 | 11.3 |
| 12 | —17.0 | —15.7 | —15.2 | —15.6 | —16.2 | —18.2 | —17.9 | —17.8 | —18.6 | —19.8 | —18.09 | —15.2 | —21.1 | 5.9 |
| 13 | —15.5 | —13.9 | —12.8 | —13.6 | —14.0 | —14.2 | —14.8 | —15.2 | —14.8 | —17.2 | —17.36 | —11.7 | —26.2 | 14.5 |
| 14 | —13.2 | —10.6 | —10.5 | —10.6 | —11.7 | —12.8 | —13.4 | —14.8 | —14.6 | —15.0 | —13.59 | —10.4 | —16.6 | 6.2 |
| 15 | —14.8 | —20.1 | —21.6 | —23.4 | —25.2 | —26.4 | —26.6 | —27.6 | —27.4 | —27.4 | —18.43 | —10.9 | —27.6 | 16.7 |
| 16 | —18.6 | —19.4 | —20.8 | —20.7 | —18.6 | —19.0 | —19.0 | —19.4 | —20.6 | —21.5 | —22.43 | —18.6 | —27.7 | 9.1 |
| 17 | —15.8 | —19.9 | —20.6 | —22.4 | —24.0 | —25.2 | —26.4 | —27.2 | —28.0 | —28.8 | —19.96 | —11.4 | —28.8 | 17.4 |
| 18 | —15.6 | —17.8 | —18.2 | —19.8 | —20.9 | —22.4 | —24.4 | —25.0 | —24.0 | —26.1 | —23.55 | —15.6 | —30.5 | 14.9 |
| 19 | —16.0 | —18.6 | —18.2 | —21.3 | —23.0 | —24.4 | —25.2 | —26.3 | —28.4 | —28.0 | —22.86 | —15.8 | —28.4 | 12.6 |
| 20 | —11.6 | —11.8 | —15.5 | —15.4 | —18.0 | —20.0 | —20.9 | —22.4 | —22.4 | —23.6 | —21.19 | —11.6 | —30.6 | 19.0 |
| 21 | —16.0 | —16.4 | —16.6 | —17.2 | —18.0 | —19.6 | —23.4 | —23.8 | —25.0 | —26.0 | —19.60 | —14.0 | —26.0 | 12.0 |
| 22 | —17.2 | —19.2 | —20.7 | —21.4 | —23.3 | —25.0 | —25.9 | —26.8 | —27.6 | —27.8 | —22.96 | —16.6 | —28.4 | 11.8 |
| 23 | —15.4 | —14.8 | —15.2 | —16.0 | —19.6 | —19.6 | —19.6 | —19.8 | —19.8 | —20.0 | —20.70 | —14.6 | —29.4 | 14.8 |
| 24 | —16.5 | —14.6 | —14.8 | —16.6 | —16.0 | —16.0 | —16.2 | —19.2 | —21.4 | —22.2 | —18.96 | —14.6 | —23.8 | 9.2 |
| 25 | —16.2 | —17.3 | —17.2 | —18.4 | —19.6 | —22.5 | —24.0 | —24.8 | —25.6 | —26.2 | —19.90 | —15.3 | —26.2 | 10.9 |
| 26 | —12.8 | —13.6 | —13.8 | —14.0 | —14.6 | —15.1 | —15.2 | —15.6 | —16.2 | —16.8 | —17.25 | —12.2 | —26.8 | 14.6 |
| 27 | —10.4 | —10.5 | —10.5 | —10.5 | —17.3 | —18.8 | —18.9 | —20.9 | —26.4 | —21.2 | —15.13 | —10.4 | —26.4 | 16.0 |
| 28 | —12.2 | —15.1 | —14.6 | —17.4 | —19.2 | —21.6 | —23.6 | —25.5 | —26.4 | —27.4 | —19.02 | —12.2 | —27.4 | 15.2 |
| 29 | —13.2 | —17.4 | —16.0 | —17.4 | —19.2 | —20.2 | —19.7 | —20.7 | —20.4 | —20.2 | —19.18 | —12.2 | —28.8 | 16.6 |
| 30 | —13.6 | —13.8 | —14.4 | —14.8 | —17.0 | —15.9 | —15.6 | —15.6 | —15.8 | —16.0 | —15.65 | —12.0 | —20.1 | 8.1 |
| Среднее Mittel | —16.67 | —17.97 | —18.19 | —19.34 | —20.72 | —21.68 | —22.31 | —22.96 | —23.51 | —23.78 | —21.00 | —15.35 | —27.67 | 12.32 |

# Температура на поверхности снѣга.

## Май 1883.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —16.2 | —16.1 | —16.0 | —15.8 | —14.5 | —14.8 | —13.8 | —13.4 | —12.7 | —12.8 | —12.1 | —11.6 | —11.2 | —11.2 |
| 2 | —21.9 | —22.2 | —20.3 | —18.4 | —14.9 | —13.3 | —10.8 | — 9.0 | — 7.9 | — 7.1 | — 6.7 | — 6.8 | — 6.0 | — 4.9 |
| 3 | —16.4 | —15.4 | —14.8 | —14.2 | —13.5 | —12.8 | —11.6 | —11.1 | — 9.3 | — 6.7 | — 9.1 | —10.1 | —10.4 | —11.6 |
| 4 | —24.6 | —21.2 | —19.8 | —19.0 | —19.1 | —18.0 | —17.5 | —16.2 | —13.7 | —12.1 | —11.6 | —10.7 | —10.0 | — 9.9 |
| 5 | —21.0 | —22.4 | —20.7 | —18.5 | —15.6 | —13.3 | —11.4 | —11.8 | — 9.4 | — 8.3 | — 7.7 | —10.0 | — 9.3 | — 9.9 |
| 6 | —18.5 | —16.2 | —15.2 | —14.2 | —13.2 | —12.4 | —10.8 | — 9.1 | — 8.3 | — 8.5 | — 8.8 | — 9.1 | — 9.1 | — 8.8 |
| 7 | —14.2 | —14.2 | —14.2 | —14.2 | —14.9 | —14.0 | —13.0 | —12.2 | —11.2 | —10.0 | — 9.1 | —10.8 | —10.4 | — 9.5 |
| 8 | — 7.3 | — 7.5 | — 6.9 | — 6.3 | — 5.9 | — 5.3 | — 4.9 | — 4.1 | — 2.7 | — 1.8 | — 2.5 | — 2.9 | — 2.9 | — 3.8 |
| 9 | —11.2 | —15.4 | —15.0 | —15.3 | —11.9 | —10.1 | — 8.5 | — 6.7 | — 5.3 | — 3.8 | — 4.3 | — 4.9 | — 3.7 | — 1.7 |
| 10 | —17.2 | —17.2 | —15.6 | —15.8 | —15.4 | —16.2 | —12.2 | —11.6 | —10.5 | —10.0 | — 9.7 | —10.4 | — 9.3 | —10.2 |
| 11 | —19.3 | —18.9 | —19.0 | —19.2 | —19.8 | —15.2 | —15.2 | —13.6 | —12.1 | —10.4 | —10.6 | —11.1 | —10.6 | —10.8 |
| 12 | —16.6 | —16.3 | —17.0 | —16.4 | —15.6 | —14.8 | —13.3 | —13.4 | —12.2 | —10.2 | — 9.9 | — 9.5 | —13.8 | — 8.3 |
| 13 | —14.0 | —13.6 | —12.6 | —11.8 | —11.6 | —12.2 | —12.3 | —11.6 | —10.6 | —10.1 | —10.0 | — 9.9 | — 9.3 | — 8.9 |
| 14 | —14.1 | —14.6 | —14.0 | —14.0 | —12.8 | —12.8 | —12.0 | —11.1 | —10.2 | —10.0 | — 8.5 | — 6.6 | — 6.1 | — 7.2 |
| 15 | —10.6 | —10.8 | —10.8 | —10.5 | —10.0 | — 9.7 | — 8.8 | — 8.1 | — 7.6 | — 6.2 | — 6.1 | — 5.9 | — 5.1 | — 5.6 |
| 16 | — 5.1 | — 5.3 | — 5.7 | — 4.9 | — 5.2 | — 3.9 | — 3.4 | — 2.3 | + 0.1 | + 0.1 | + 0.4 | + 0.9 | + 1.5 | + 1.5 |
| 17 | — 5.0 | — 5.1 | — 5.2 | — 5.1 | — 4.1 | — 4.4 | — 3.9 | — 3.5 | — 2.7 | — 2.9 | — 2.3 | — 0.3 | + 1.1 | + 1.1 |
| 18 | — 7.1 | — 8.0 | — 8.9 | — 9.2 | — 8.5 | — 8.3 | — 6.7 | — 5.8 | — 5.5 | — 4.3 | — 4.1 | — 4.1 | — 2.7 | — 2.7 |
| 19 | — 5.7 | — 5.7 | — 5.3 | — 5.3 | — 4.7 | — 3.8 | — 3.3 | — 3.1 | — 2.3 | — 2.5 | — 1.5 | — 1.7 | — 3.0 | — 3.1 |
| 20 | — 4.1 | — 5.1 | — 5.4 | — 5.6 | — 5.0 | — 4.1 | — 2.9 | — 3.2 | — 2.0 | — 3.3 | — 2.1 | — 1.2 | — 1.3 | — 1.3 |
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## Іюнь 1883.

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| 29 | — 7.7 | — 8.6 | — 9.5 | — 9.4 | — 9.2 | — 9.1 | — 9.3 | — 9.5 | — 8.2 | — 7.6 | — 7.8 | — 7.4 | — 7.0 | — 7.4 |
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| Среднее Mittel | — 1.06 | — 1.13 | — 1.26 | — 1.24 | — 1.18 | — 1.05 | — 0.59 | — 0.20 | + 0.60 | + 1.24 | + 1.88 | + **2.26** | +‾2.02 | + 2.18 |

## Октябрь 1882.

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —13.6 | —13.8 | —14.1 | —14.3 | —14.3 | —14.3 | —14.3 | —13.9 | —12.9 | —11.7 | —10.3 | — 9.6 | — 8.6 | — 9.6 |
| 2 | — 6.0 | — 5.8 | — 5.6 | — 5.6 | — 5.7 | — 5.7 | — 5.6 | — 5.4 | — 5.0 | — 5.2 | — 4.7 | — 4.5 | — 4.0 | — 4.3 |
| 3 | — 4.6 | — 4.7 | — 4.8 | — 4.8 | — 4.6 | — 4.6 | — 4.5 | — 4.2 | — 3.6 | — 3.2 | — 2.8 | — 2.6 | — 1.7 | — 2.8 |
| 4 | — 5.6 | — 5.2 | — 5.3 | — 5.2 | — 5.2 | — 5.1 | — 6.3 | — 4.8 | — 6.0 | — 5.6 | — 5.4 | — 5.4 | — 5.6 | — 5.9 |
| 5 | — 6.6 | — 6.6 | — 6.7 | — 6.9 | — 6.7 | — 6.4 | — 6.2 | — 5.8 | — 5.2 | — 4.8 | — 4.7 | — 4.6 | — 4.5 | — 4.8 |
| 6 | — 8.0 | — 8.6 | — 8.6 | — 9.0 | — 8.9 | — 8.8 | — 8.0 | — 7.8 | — 7.4 | — 6.7 | — 5.8 | — 5.3 | — 5.5 | — 5.3 |
| 7 | — 6.9 | — 7.0 | — 7.4 | — 7.4 | — 7.3 | — 7.2 | — 7.4 | — 7.6 | — 7.8 | — 6.6 | — 6.2 | — 6.0 | — 6.8 | — 7.2 |
| 8 | — 9.9 | —10.0 | —10.6 | —10.8 | —10.4 | —11.7 | —11.2 | —11.2 | —10.8 | — 9.5 | — 8.8 | — 8.4 | — 7.8 | — 7.5 |
| 9 | — 9.2 | — 8.5 | — 9.2 | — 9.3 | — 9.8 | — 9.9 | — 9.5 | — 9.0 | — 8.4 | — 8.1 | — 8.0 | — 8.0 | — 8.0 | — 7.6 |
| 10 | — 7.4 | — 7.5 | — 7.5 | — 7.3 | — 7.2 | — 7.2 | — 8.8 | — 8.0 | — 7.6 | — 7.3 | — 7.0 | — 6.9 | — 6.8 | — 6.7 |
| 11 | — 8.7 | — 7.9 | — 7.4 | — 7.2 | — 7.0 | — 7.0 | — 8.0 | — 8.2 | — 8.0 | — 7.9 | — 7.6 | — 7.0 | — 6.9 | — 8.0 |
| 12 | —10.4 | —11.5 | —10.6 | —10.6 | — 9.1 | — 8.3 | — 8.3 | — 8.6 | — 8.4 | — 7.8 | — 7.2 | — 6.4 | — 6.0 | — 6.1 |
| 13 | — 7.4 | — 7.4 | — 7.4 | — 7.4 | — 7.3 | — 8.4 | — 8.2 | — 8.4 | — 8.2 | — 7.8 | — 8.3 | — 6.8 | — 6.2 | — 7.5 |
| 14 | —12.0 | —13.4 | —14.1 | —12.4 | —12.3 | —12.4 | —12.0 | —12.7 | —12.6 | —12.3 | —12.3 | —12.9 | —14.7 | —12.4 |
| 15 | —16.5 | —15.5 | —15.9 | —15.4 | —15.3 | —15.1 | —14.7 | —14.4 | —13.9 | —13.5 | —12.4 | —12.0 | —11.8 | —12.0 |
| 16 | —13.5 | —13.3 | —13.2 | —13.2 | —13.1 | —13.1 | —12.9 | —12.9 | —12.7 | —12.4 | —12.2 | —11.7 | —11.2 | —11.4 |
| 17 | —11.3 | —11.9 | —12.0 | —12.0 | —12.2 | —12.2 | —13.9 | —14.0 | —13.6 | —12.0 | —12.0 | —10.8 | —10.6 | —10.2 |
| 18 | —17.5 | —17.5 | —19.5 | —20.2 | —20.4 | —21.7 | —21.8 | —21.6 | —21.7 | —20.7 | —21.1 | —21.7 | —21.1 | —21.6 |
| 19 | —17.0 | —17.6 | —16.2 | —14.8 | —15.8 | —15.4 | —14.5 | —14.0 | —13.4 | —12.4 | —13.9 | —15.5 | —15.5 | —16.1 |
| 20 | —17.8 | —17.2 | —16.2 | —15.5 | —14.6 | —16.0 | —18.5 | —16.3 | —15.5 | —14.8 | —13.9 | —13.4 | —12.5 | —12.5 |
| 21 | —16.7 | —16.9 | —17.8 | —17.3 | —17.9 | —17.3 | —19.7 | —19.7 | —19.3 | —19.3 | —19.5 | —20.1 | —18.0 | —17.5 |
| 22 | —23.2 | —23.3 | —23.2 | —23.6 | —24.2 | —24.1 | —24.7 | —25.2 | —25.2 | —24.6 | —24.2 | —24.5 | —23.7 | —23.7 |
| 23 | —27.5 | —27.8 | —27.8 | —28.2 | —28.3 | —28.3 | —28.3 | —28.3 | —27.9 | —27.5 | —27.3 | —26.9 | —27.2 | —27.3 |
| 24 | —28.1 | —28.2 | —22.3 | —20.4 | —19.3 | —18.7 | —18.6 | —18.9 | —19.6 | —20.7 | —19.5 | —18.7 | —18.5 | —18.7 |
| 25 | —20.1 | —19.7 | —19.7 | —19.9 | —20.1 | —20.2 | —20.1 | —20.7 | —22.5 | —21.9 | —21.3 | —21.8 | —22.3 | —23.0 |
| 26 | —23.7 | —23.2 | —23.1 | —24.0 | —25.1 | —25.0 | —25.4 | —25.3 | —25.3 | —25.9 | —25.2 | —24.9 | —24.3 | —23.9 |
| 27 | —25.5 | —25.4 | —25.2 | —25.3 | —24.3 | —23.7 | —23.5 | —23.1 | —23.2 | —22.7 | —22.3 | —21.9 | —21.6 | —23.5 |
| 28 | —24.4 | —24.8 | —25.1 | —25.6 | —26.1 | —26.3 | —26.7 | —26.8 | —27.3 | —27.1 | —26.6 | —26.6 | —26.3 | —26.8 |
| 29 | —26.3 | —26.6 | —26.5 | —26.9 | —27.1 | —27.3 | —27.1 | —26.8 | —25.3 | —25.8 | —24.6 | —24.3 | —24.6 | —25.6 |
| 30 | —22.7 | —23.6 | —24.9 | —25.2 | —25.4 | —25.7 | —25.9 | —25.8 | —26.1 | —26.3 | —27.0 | —26.9 | —26.7 | —27.1 |
| 31 | —28.4 | —28.2 | —28.1 | —28.3 | —27.6 | —27.3 | —26.9 | —26.3 | —25.7 | —25.4 | —24.5 | —24.1 | —24.0 | —23.7 |
| Среднее Mittel | —15.35 | —15.44 | —15.35 | —15.29 | —15.23 | —15.30 | —15.53 | —15.35 | —15.16 | —14.75 | —14.41 | —14.20 | **—13.97** | —14.15 |



# Temperatur an der Erdoberfläche.

## September 1882.

Mittlere Ortszeit.

| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + 6.3 | + 6.0 | + 6.2 | + 5.3 | + 5.2 | + 4.8 | + 5.0 | + 5.1 | + 5.2 | + 5.3 | + 4.11 | + 7.4 | + 0.3 | 7.1 |
| + 8.8 | +13.6 | +11.5 | + 7.4 | + 4.2 | + 3.6 | + 3.1 | + 3.0 | + 2.8 | + 2.2 | + **6.91** | +**13.6** | + 2.2 | 11.4 |
| + 6.4 | + 6.4 | + 6.0 | + 5.4 | + 4.6 | + 3.7 | + 3.7 | + 3.3 | + 3.6 | + 3.4 | + 4.04 | + 7.4 | + 0.6 | 6.8 |
| + 5.2 | + 5.2 | + 4.7 | + 4.5 | + 4.3 | + 3.9 | + 3.8 | + 4.0 | + 3.8 | + 3.4 | + 3.27 | + 5.8 | — 0.8 | 6.6 |
| + 6.8 | + 6.4 | + 6.0 | + 4.8 | + 4.2 | + 3.7 | + 3.4 | + 2.6 | + 2.6 | + 2.7 | + 4.56 | + 6.8 | + 2.6 | 4.2 |
| + 4.0 | + 4.0 | + 3.8 | + 2.9 | + 2.4 | + 2.0 | + 1.5 | + 0.6 | + 0.2 | + 0.1 | + 3.05 | + 7.2 | + 0.1 | 7.1 |
| + 3.0 | + 3.2 | + 2.2 | + 1.8 | + 1.4 | + 1.2 | + 1.1 | + 1.2 | + 1.1 | + 1.1 | + 1.74 | + 4.0 | — 0.3 | 4.3 |
| + 2.9 | + 3.7 | + 1.2 | + 1.7 | + 1.1 | + 0.6 | + 0.8 | + 0.8 | + 0.8 | + 0.7 | + 2.04 | + 7.3 | + 0.1 | 7.2 |
| + 3.2 | + 2.7 | + 2.3 | + 2.1 | + 1.8 | + 0.7 | + 0.8 | + 0.7 | + 0.2 | — 0.2 | + 1.37 | + 3.2 | — 0.2 | 3.4 |
| + 3.2 | + 3.0 | + 2.6 | + 2.1 | + 1.5 | + 1.0 | + 0.5 | — 0.8 | — 0.6 | — 0.3 | + 1.68 | + 4.5 | — 0.8 | 5.3 |
| + 5.2 | + 4.6 | + 4.1 | + 3.2 | + 2.4 | + 2.0 | + 1.3 | + 0.4 | — 0.2 | — 0.2 | + 2.25 | + 6.2 | — 0.2 | 6.4 |
| + 5.5 | + 5.8 | + 4.8 | + 4.3 | + 3.2 | + 2.9 | + 1.4 | + 1.8 | + 2.3 | + 2.7 | + 3.00 | + 5.8 | — 0.6 | 6.4 |
| + 9.9 | + 8.6 | + 7.8 | + 7.2 | + 7.5 | + 6.1 | + 6.3 | + 6.2 | + 5.8 | + 4.2 | + 6.40 | +12.3 | + 1.8 | 10.5 |
| + 4.2 | + 3.6 | + 3.1 | + 2.0 | + 1.0 | + 1.3 | + 1.0 | + 0.4 | + 0.8 | + 0.6 | + 2.90 | + 5.6 | + 0.4 | 5.2 |
| + 2.2 | + 1.8 | + 1.4 | + 0.8 | + 0.8 | + 0.8 | + 0.4 | + 0.2 | + 0.3 | + 0.4 | + 1.28 | + 3.4 | + 0.2 | 3.2 |
| + 5.1 | + 5.0 | + 3.9 | + 3.4 | + 2.9 | + 2.6 | + 2.4 | + 3.0 | + 2.0 | + 1.7 | + 2.87 | + 6.4 | + 0.8 | 5.6 |
| + 3.9 | + 4.2 | + 3.9 | + 3.1 | + 2.3 | + 1.1 | + 0.3 | — 0.2 | — 0.5 | + 0.1 | + 2.05 | + 4.4 | — 0.5 | 4.9 |
| + 1.0 | + 0.4 | — 0.1 | — 0.2 | — 0.3 | — 0.8 | — 1.3 | — 0.8 | — 0.8 | — 1.4 | + 0.65 | + 5.7 | — 1.4 | 5.1 |
| + 0.1 | — 0.7 | — 1.7 | — 1.4 | — 1.8 | — 3.3 | — 3.5 | — 2.5 | — 2.4 | — 2.4 | — 1.58 | + 0.9 | — 3.5 | 4.4 |
| + 1.0 | + 0.9 | + 0.6 | + 0.2 | + 0.2 | + 0.4 | + 0.1 | + 0.3 | + 0.4 | + 0.2 | — 0.09 | + 1.6 | — 2.4 | 4.0 |
| — 1.9 | — 2.5 | — 3.2 | — 3.7 | — 3.3 | — 3.0 | — 3.0 | [1] | — 4.2 | — 4.4 | — 1.93 | + 0.2 | — 4.4 | 4.6 |
| — 1.9 | — 1.5 | — 2.4 | — 3.0 | — 3.4 | — 3.4 | — 3.8 | — 3.6 | — 3.0 | — 3.0 | — 3.48 | — 1.2 | — 6.2 | 5.0 |
| — 4.7 | — 5.5 | — 4.8 | — 5.0 | — 5.2 | — 5.2 | — 5.6 | — 5.4 | — 6.4 | — 6.5 | — 4.19 | — 2.5 | — 6.5 | 4.0 |
| — 5.8 | — 6.5 | — 7.5 | — 7.4 | — 6.8 | — 6.1 | — 5.8 | — 5.5 | — 5.2 | — 4.8 | — 6.60 | — 3.8 | — 9.0 | 5.2 |
| — 2.4 | — 2.6 | — 2.6 | — 2.7 | — 2.8 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.8 | — 3.06 | — 1.8 | — 4.7 | 2.9 |
| — 2.4 | — 2.5 | — 2.4 | — 2.4 | — 2.2 | — 2.2 | — 2.2 | — 2.0 | — 2.0 | — 1.8 | — 2.32 | — 1.7 | — 3.1 | 1.4 |
| — 3.0 | — 5.0 | — 5.7 | — 5.7 | — 6.7 | — 6.6 | — 6.9 | — 7.2 | — 7.8 | — 7.4 | — 3.56 | — 1.4 | — 7.8 | 6.4 |
| — 5.6 | — 6.9 | — 6.8 | — 7.2 | — 6.9 | — 8.7 | — 9.6 | — 9.0 | — 8.8 | — 8.0 | — 7.43 | — 4.9 | — 9.6 | 4.7 |
| — 7.5 | — 8.7 | — 9.2 | — 9.4 | —10.2 | — 8.8 | —11.0 | —11.5 | —11.2 | —11 0 | — 9.00 | — 7.0 | —11.5 | 4.5 |
| — 7.6 | — 8.0 | — 8.0 | — 8.4 | — 9.7 | —10.3 | —11.0 | —10.5 | —12.0 | —12.9 | **—10.42** | — 7.2 | **—13.9** | 6.7 |
| + 1.51 | + 1.29 | + 0.72 | + 0.19 | — 0.27 | — 0.63 | — 0.98 | — 1.00 | — 1.20 | — **1.28** | + 0.05 | + 2.87 | — 2.61 | 5.48 |

## October 1882.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — 9.5 | — 8.8 | — 8.6 | — 8.3 | — 8.1 | — 7.6 | — 7.0 | — 6.6 | — 6.2 | — 6.2 | —10 51 | — 6.2 | —14.3 | 8.1 |
| — 4.4 | — 4.7 | — 5.4 | — 6.7 | — 6.3 | — 6.0 | — 5.8 | — 5.6 | — 5.4 | — 4.8 | — 5.34 | — 4.0 | — 6.7 | 2.7 |
| — 3.8 | — 4.0 | — 6.2 | — 7.0 | — 7.1 | — 6.8 | — 6.0 | — 6.2 | — 5.4 | — 5.2 | — **4.59** | — **1.7** | — 7.1 | 5.4 |
| — 6.4 | — 5.9 | — 6.5 | — 6.2 | — 7.7 | — 8.0 | — 7.2 | — 6.9 | — 6.8 | — 6.8 | — 6.04 | — 4.8 | — 8.0 | 3.2 |
| — 5.4 | — 5.8 | — 6.2 | — 7.6 | — 6.9 | — 7.2 | — 7.1 | — 7.4 | — 7.5 | — 7.7 | — 6.22 | — 4.5 | — 7.7 | 3.2 |
| — 5.7 | — 5.9 | — 6.1 | — 6.2 | — 6.2 | — 6.2 | — 6.4 | — 6.6 | — 6.3 | — 6.8 | — 6.92 | — 5.2 | — 9.0 | 3.8 |
| — 6.7 | — 7.4 | — 7.4 | — 7.9 | — 8.6 | — 7.8 | — 8.8 | — 8.2 | — 9.5 | — 9.8 | — 7.54 | — 6.0 | — 9.8 | 3.8 |
| — 9.2 | — 9.3 | — 8.9 | — 9.1 | — 9.0 | — 8.4 | — 8.0 | — 8.2 | — 9.8 | — 9.4 | — 9.48 | — 7.5 | —11.5 | 4.0 |
| — 7.8 | — 7.7 | — 8.0 | — 8.8 | — 8.4 | — 8.0 | — 7.7 | — 7.7 | — 7.6 | — 7.6 | — 8.41 | — 7.6 | — 9.9 | 2.3 |
| — 6.6 | — 6.6 | — 6.6 | — 6.4 | — 6.4 | — 7.0 | — 6.6 | — 7.8 | — 7.0 | — 9.6 | — 7.34 | — 6.4 | — 9.6 | 3.2 |
| — 7.0 | — 7.2 | — 7.2 | — 6.7 | — 6.6 | — 8.6 | — 8.0 | — 8.2 | — 8.2 | — 9.2 | — 7.65 | — 6.6 | — 9.2 | 2.6 |
| — 6.8 | — 7.1 | — 6.9 | — 7.3 | — 7.0 | — 7.4 | — 7.4 | — 7.6 | — 7.4 | — 7.4 | — 7.98 | — 6.0 | —11.5 | 5.5 |
| — 8.8 | —10.2 | —10.3 | — 9.9 | — 9.4 | — 9.0 | — 8.7 | — 8.4 | — 8.8 | —10.6 | — 8.37 | — 6.2 | —10.6 | 4.4 |
| —12.8 | —13.3 | —13.7 | —13.9 | —13.9 | —14.1 | —15.3 | —17.9 | —18.6 | —17.2 | —13.72 | —12.0 | —18.6 | 6.6 |
| —12.8 | —12.7 | —12.9 | —13.7 | —13.8 | —14.1 | —14.3 | —14.1 | —13.9 | —13.8 | —13.92 | —11.8 | —16.5 | 4.7 |
| —11.3 | —11.2 | —11.9 | —11.7 | —11.2 | —11.2 | —11.2 | —11.2 | —11.2 | —11.2 | —12.09 | —13.5 | —11.2 | 2.3 |
| —10.5 | —10.6 | —10.7 | —11.8 | —13.2 | —14.7 | —15.7 | —15.5 | —15.6 | —16.6 | —12.65 | —10.2 | —16.6 | 6.4 |
| —21.2 | —21.3 | —21.7 | —20.5 | —18.6 | —17.1 | —16.4 | —15.8 | —18.7 | —19.0 | —19.93 | —15.8 | —21.8 | 6.0 |
| —16.6 | —18.2 | —17.9 | —18.3 | —17.5 | —18.7 | —18.7 | —19.3 | —18.3 | —18.4 | —16.40 | —12.4 | —19.3 | 6.9 |
| —12.5 | —12.7 | —13.3 | —13.7 | —14.1 | —14.4 | —14.2 | —13.9 | —14.4 | —15.4 | —14.70 | —12.5 | —18.5 | 6.0 |
| —17.2 | —16.9 | —16.9 | —16.7 | —16.7 | —16.5 | —16.7 | —17.4 | —19.6 | —21.9 | —18.06 | —16.5 | —21.9 | 5.4 |
| —25.1 | —26.1 | —26.1 | —26.1 | —26.1 | —26.1 | —26.2 | —26.3 | —27.9 | —27.2 | —25.03 | —23.2 | —27.9 | 4.7 |
| —27.6 | —27.9 | —28.1 | —28.2 | —28.4 | —28.6 | —28.3 | —28.4 | —28.4 | —28.6 | —**27.96** | —26.9 | —28.6 | 1.7 |
| —18.5 | —18.9 | —19.0 | —18.9 | —20.5 | —21.9 | —22.1 | —21.3 | —21.1 | —20.4 | —20.53 | —18.5 | —28.2 | 9.7 |
| —24.9 | —24.4 | —24.2 | —24.9 | —24.0 | —26.2 | —26.1 | —26.5 | —27.1 | —27.1 | —22.90 | —19.7 | —27.1 | 7.4 |
| —23.5 | —24.2 | —23.9 | —23.7 | —23.7 | —24.1 | —24.5 | —24.9 | —24.9 | —25.1 | —24.45 | —23.1 | —25.9 | 2.8 |
| —23.3 | —23.5 | —22.1 | —21.9 | —22.3 | —21.8 | —23.1 | —23.7 | —23.9 | —24.5 | —23.37 | —21.6 | —25.5 | 3.9 |
| —27.1 | —27.3 | —28.1 | —27.9 | —28.1 | —28.2 | —27.9 | —27.4 | —27.1 | —25.9 | —26.73 | —24.4 | —28.2 | 3.8 |
| —24.5 | —24.7 | —24.5 | —23.6 | —23.1 | —23.2 | —22.9 | —22.9 | —23.0 | —22.7 | —24.91 | —22.7 | —27.3 | 4.6 |
| —27.3 | —27.7 | —27.7 | —27.6 | —27.9 | —27.9 | —28.7 | —27.8 | —28.2 | —28.3 | —26.60 | —22.7 | —**28.7** | 6.0 |
| —23.5 | —23.5 | —23.6 | —23.6 | —23.9 | —23.8 | —23.5 | —23.7 | —23.7 | —23.9 | —25.22 | —23.5 | —28.4 | 4.9 |
| —14.41 | —14.70 | —14.86 | —14.99 | —14.99 | —15.18 | —15.18 | —15.27 | —15.53 | —**15.75** | —15.01 | —13.02 | —17.58 | 4 56 |

1) Термометръ сломанъ, новый поставленъ.
1) Das Thermometer zerbrochen, ein neues aufgestellt.

# Температура на поверхности земли.

## Ноябрь 1882.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточная средня. Tagesmittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —24.1 | —24.8 | —25.1 | —25.2 | —25.7 | —26.2 | —26.2 | —26.4 | —26.3 | —26.1 | —25.5 | —25.3 | —25.9 | —26.5 | —26.9 | —27.3 | —27.6 | —27.9 | —28.1 | —26.9 | —28.6 | —28.6 | —28.8 | —29.1 | —26.63 | —24.1 | —29.1 | 5.0 |
| 2 | —28.9 | —29.1 | —26.7 | —26.2 | —28.1 | —28.5 | —28.6 | —28.2 | —28.1 | —27.9 | —28.0 | —27.9 | —28.4 | —28.9 | —29.3 | —29.5 | —29.9 | —30.3 | —30.3 | —30.3 | —30.5 | —30.7 | —30.9 | —31.1 | —29.01 | —26.2 | —31.1 | 4.9 |
| 3 | —31.1 | —31.7 | —31.7 | —32.0 | —31.9 | —32.2 | —32.5 | —32.7 | —32.7 | —32.5 | —32.5 | —32.5 | —32.5 | —32.6 | —32.9 | —32.9 | —33.0 | —32.9 | —32.7 | —32.9 | —32.9 | —32.7 | —32.7 | —32.7 | —32.48 | —31.1 | —33.0 | 1.9 |
| 4 | —32.7 | —32.7 | —32.7 | —32.9 | —32.9 | —33.1 | —33.0 | —32.9 | —32.9 | —32.7 | —32.6 | —32.1 | —32.1 | —32.1 | —32.3 | —32.1 | —32.1 | —32.3 | —32.4 | —32.6 | —32.2 | —32.1 | —31.5 | —31.6 | —32.44 | —31.5 | —33.1 | 1.6 |
| 5 | —30.9 | —30.6 | —30.3 | —28.9 | —27.9 | —27.3 | —26.9 | —26.3 | —26.1 | —25.9 | —25.5 | —25.9 | —25.8 | —26.3 | —26.9 | —26.9 | —26.9 | —27.0 | —26.9 | —27.1 | —27.4 | —27.6 | —27.8 | —27.9 | —27.39 | —25.8 | —30.9 | 5.1 |
| 6 | —27.7 | —26.9 | —26.1 | —26.7 | —26.1 | —25.7 | —25.9 | —25.5 | —25.3 | —26.1 | —25.7 | —25.8 | —24.9 | —24.3 | —25.3 | —24.9 | —24.1 | —24.3 | —24.1 | —25.8 | —26.1 | —26.3 | —26.4 | —26.3 | —25.70 | —24.1 | —27.7 | 3.6 |
| 7 | —26.1 | —26.3 | —26.9 | —27.1 | —27.3 | —27.5 | —26.1 | —26.9 | —26.9 | —27.7 | —26.9 | —26.7 | —27.9 | —28.3 | —29.1 | —29.3 | —29.7 | —28.2 | —28.1 | —29.0 | —29.1 | —29.3 | —29.3 | —29.1 | —27.89 | —26.1 | —29.7 | 3.6 |
| 8 | —29.1 | —27.9 | —26.6 | —26.0 | —25.2 | —24.3 | —24.1 | —23.7 | —23.4 | —22.9 | —22.6 | —22.3 | —22.1 | —21.8 | —21.6 | —21.3 | —21.3 | —20.9 | —21.0 | —23.3 | —23.9 | —24.1 | —24.1 | —23.5 | —23.67 | —21.3 | —29.1 | 7.8 |
| 9 | —24.0 | —23.9 | —24.1 | —23.5 | —22.7 | —22.5 | —21.7 | —20.9 | —20.7 | —20.5 | —20.7 | —21.6 | —22.5 | —22.5 | —23.3 | —23.7 | —24 1 | —24.5 | —25.5 | —26.3 | —26.9 | —26.9 | —27.9 | —27.6 | —23.69 | —27.9 | —20.5 | 7.4 |
| 10 | —25.8 | —24.7 | —26.7 | —26.0 | —26.5 | —26.3 | —25.9 | —25.7 | —25.9 | —25.9 | —25.3 | —26.1 | —26.5 | —26.6 | —26.3 | —26.1 | —26.3 | —26.9 | —27.1 | —27.7 | —27.7 | —27.7 | —28.1 | —28.5 | —26.49 | —24.7 | —28.5 | 3.8 |
| 11 | —28.1 | —27.8 | —26.4 | —27.7 | —28.3 | —28.7 | —28.7 | —28.2 | —26.5 | —26.1 | —25.7 | —25.8 | —26.3 | —27.0 | —27.7 | —25.7 | —24.6 | —23.6 | —23.1 | —22.4 | —21.9 | —21.5 | —21.5 | —22.3 | —25.65 | —21.5 | —28.7 | 7.2 |
| 12 | —24.2 | —24.9 | —25.7 | —25.9 | —25.9 | —26.9 | —26.9 | —26.2 | —24.7 | —24.1 | —23.6 | —23.7 | —23.7 | —22.9 | —22.3 | —21.4 | —20.9 | —20.3 | —20.1 | —19.9 | —19.5 | —20.3 | —20.1 | —19.3 | —23.06 | **—19.3** | —26.9 | 7.6 |
| 13 | —19.7 | —20.7 | —21.7 | —22.6 | —22.8 | —23 2 | —23.5 | —23.7 | —24.1 | —24.2 | —24.1 | —24.2 | —24.1 | —23.9 | —23.4 | —23.3 | —23.1 | —23.1 | —23.4 | —23.4 | —23.9 | —23.9 | —23.1 | —22.7 | —23.16 | —19.7 | —24.2 | 4.5 |
| 14 | —22.5 | —22.2 | —22.1 | —22.1 | —22.3 | —22.4 | —21.9 | —21.7 | —21.3 | —21.7 | —22.1 | —22.3 | —22.4 | —21.8 | —21.1 | —20.6 | —20.3 | —20.5 | —21.0 | —21.9 | —22.3 | —23.1 | —24.3 | —24.4 | **—22.01** | —20.3 | —24.4 | 4.1 |
| 15 | —24.3 | —24.3 | —25.1 | —25.4 | —25.7 | —25.6 | —25.5 | —26.7 | —27.2 | —27.9 | —28.5 | —28.9 | —28.4 | —27.5 | —27.1 | —26.7 | —26.0 | —24.9 | —25.3 | —24.9 | —24.7 | —25.3 | —26.1 | —25.3 | —26.14 | —24.3 | —28.9 | 4.6 |
| 16 | —25.1 | —25.6 | —26.3 | —26.2 | —26.1 | —26.8 | —27.2 | —25.7 | —25.1 | —25.2 | —24.9 | —24.7 | —24.9 | —25.5 | —25.5 | —26.1 | —27.5 | —28.3 | —28.7 | —29.1 | —27.5 | —27.3 | —27.3 | —28.5 | —26.45 | —24.7 | —29.1 | 4.4 |
| 17 | —29.2 | —29.6 | —30.2 | —30.5 | —30.7 | —30.7 | —30.9 | —30.7 | —30.7 | —30.9 | —31.2 | —31.4 | —31.5 | —31.7 | —31.8 | —32.2 | —32.3 | —32.6 | —32.7 | —32.9 | —33.2 | —33.2 | —33.3 | —33.3 | —31.56 | —29.2 | —33.3 | 4.1 |
| 18 | —32.9 | —31.2 | —30.6 | —28.8 | —27.3 | —27.0 | —26.1 | —25.3 | —24.7 | —24.2 | —23.9 | —23.7 | —23.5 | —23.4 | —23.4 | —23.3 | —22.9 | —22.9 | —22.9 | —23.3 | —23.7 | —24.6 | —25.2 | —25.9 | —25.40 | —22.5 | —32.9 | 10.4 |
| 19 | —26.6 | —26.5 | —25.5 | —25.3 | —25.3 | —25.5 | —25.9 | —26.6 | —26.9 | —29.1 | —30.5 | —30.5 | —31.1 | —31.4 | —32.1 | —32.5 | —33.1 | —33.4 | —33.7 | —34.0 | —34.1 | —34.5 | —34.5 | —34.5 | —30.12 | —25.3 | —34.5 | 9.2 |
| 20 | —34.9 | —35.1 | —35.2 | —35.5 | —35.4 | —35.4 | —35.5 | —35.6 | —35.6 | —35.5 | —35.3 | —33.9 | —33.9 | —33.9 | —34.3 | —35.9 | —33.9 | —33.9 | —32.1 | —30.6 | —29.9 | —29.9 | —29.9 | —30.1 | **—33.72** | —29.9 | —35.6 | 5.7 |
| 21 | —30.3 | —30.6 | —30.6 | —30.8 | —29.9 | —28.9 | —27.8 | —27.3 | —28.4 | —27.7 | —27 0 | —27.7 | —27.3 | —28.5 | —27.0 | —26.2 | —25.9 | —26.6 | —27.9 | —27.8 | —27.1 | —27.4 | —27.9 | —27.9 | —28.10 | —25.9 | —30.8 | 4.9 |
| 22 | —28.8 | —28.4 | —28.2 | —28.1 | —27.1 | —28.3 | —28.2 | —28.8 | —29.4 | —28.6 | —28.5 | —28.1 | —28.5 | —28.1 | —28.1 | —28.1 | —27.9 | —27.7 | —27.6 | —27.7 | —27.8 | —29.1 | —28.7 | —28.1 | —28.25 | —27.1 | —29.4 | 2.3 |
| 23 | —28.3 | —28.9 | —29.9 | —30.8 | —31.1 | —31.0 | —30.9 | —30.9 | —30.9 | —30.9 | —30.4 | —29.9 | —29.5 | —29.5 | —30.2 | —29.7 | —29.1 | —29.5 | —29.5 | —29.4 | —29.7 | —30.3 | —30.5 | —30.3 | —30.05 | —28.3 | —31.1 | 2.8 |
| 24 | —30.8 | —30.7 | —31.3 | —31.3 | —31.3 | —30.8 | —30.4 | —30.3 | —30.5 | —30.3 | —29.8 | —29.3 | —29.3 | —29.5 | —28.7 | —28.6 | —28.5 | —28.6 | —28.3 | —27.8 | —27.7 | —27.7 | [1] | .... | —29.58 | —27.7 | —31.3 | 3.6 |
| 25 | .... | .... | .... | .... | .... | .... | —28.0 | —28.0 | —27.7 | —29.3 | —28.9 | —30 5 | —33.1 | —33.6 | —33.4 | —34.3 | —34.3 | —34.4 | —35.0 | —35.3 | —35.6 | —35.5 | —35.8 | —35.8 | —32.70 | —27.7 | **—35.8** | 8.1 |
| 26 | —35.7 | —35.5 | —35.6 | —35.5 | —35.6 | —35.4 | —34.7 | —34.3 | —34.1 | —33.6 | —33.3 | —33.4 | —33.4 | —32.7 | —31.8 | —31.9 | —30.6 | —30.3 | —31.1 | —29.4 | —28.9 | —29.1 | —28.8 | —29.2 | —32.66 | —28.8 | —35.7 | 6.9 |
| 27 | —29.3 | —29.5 | —20 9 | —29.7 | —29.5 | —29.6 | —29.5 | —29.7 | —29.6 | —29.3 | —29.2 | —29.7 | —29.3 | —30.3 | —30.2 | —30.6 | —29.7 | —28.4 | —28.9 | —27.1 | —26.7 | —26.7 | —27.9 | —26.3 | —29.03 | —26.3 | —30.6 | 4.3 |
| 28 | —25.9 | —25.9 | —26.1 | —26.1 | —25.8 | —25 4 | —25.2 | —24.8 | —24.6 | —24.5 | —24.1 | —23.8 | —23.5 | —22.9 | —23.1 | —22.6 | —22.7 | —21.9 | —21.9 | —22.0 | —22.3 | —22.7 | —23.1 | —23.3 | —23.97 | —21.9 | —26.1 | 4.2 |
| 29 | —23.5 | —23.4 | —23.3 | —23.2 | —23.1 | —22.9 | —22.7 | —22.4 | —22.1 | —21.9 | —23.5 | —22.7 | —23.5 | —23.6 | —23.4 | —23.1 | —22.9 | —23.2 | —23.1 | —23.5 | —23.5 | —24.0 | —23.7 | —23.9 | —23.17 | —21.9 | —24.0 | 2.1 |
| 30 | —24.5 | —24.5 | —23.7 | —23.9 | —23.5 | —23.5 | —23.3 | —23.8 | —23.7 | —24.9 | —24.8 | —24.7 | —24.8 | —24.7 | —24.4 | —24.8 | —24.7 | —24.6 | —24.7 | —24.8 | —25.2 | —26.7 | —27.2 | —27.7 | —24.71 | —23.3 | —27.7 | 4.4 |
| Среднее Mittel | —27.74 | —27.72 | —27.73 | —27.72 | —27.62 | —27.63 | —27.46 | —27.38 | —27.20 | —27.27 | **—27.15** | —27.17 | —27.32 | —27.42 | —27.43 | —27.35 | —27.20 | —27.18 | —27.27 | —27.27 | —27.35 | —27.62 | **—27.80** | **—27.80** | —27.50 | —25.28 | —29.79 | 4.51 |

# Temperatur an der Erdoberfläche.

## November 1882.

Mittlere Ortszeit.

## Декабрь 1882.

## December 1882.

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| 1 | —27.7 | —27.7 | —27.9 | —28.5 | —28.7 | —29.1 | —30.1 | —30.7 | —31.8 | —32.5 | —32.7 | —33.1 | —33.4 | —33.5 | —33.9 | —34.1 | —35.3 | —35.3 | —35.3 | —35.8 | —35.7 | —35.9 | —35.9 | —35.9 | —32.50 | —27.7 | —35.9 | 8.2 |
| 2 | —36.0 | —36.1 | —36.2 | —36.1 | —36.0 | —35.9 | —35.5 | —35.5 | —35.6 | —33.9 | —33.1 | —33.1 | —32.6 | —31.9 | —31.5 | —31.5 | —31.9 | —31.9 | —31.7 | —31.7 | —31.8 | —32.1 | —31.9 | —32.3 | —33.57 | —31.3 | —36.2 | 4.9 |
| 3 | —31.7 | —31.7 | —32.4 | —33.1 | —33.2 | —33.6 | —32.1 | —32 5 | —32.7 | —33.2 | —33.6 | —33.7 | —33.3 | —33.5 | —32.5 | —31.7 | —31.1 | —30.9 | —31.3 | —31.1 | —30.3 | —29.5 | —29.4 | —28.9 | —31.96 | —28.9 | —33.7 | 4.8 |
| 4 | —28.9 | —28.7 | —28.3 | —27.9 | —27.9 | —27.7 | —27.5 | —27.2 | —27.3 | —27.2 | —26.9 | —26.9 | —26.9 | —26.3 | —26.9 | —27.1 | —27.2 | —27.3 | —25.9 | —25.9 | —26.4 | —26.1 | —25.9 | —25.9 | —27.09 | —25.9 | —28.9 | 3.0 |
| 5 | —26.1 | —26.2 | —26.3 | —26.3 | —26.5 | —27.1 | —25.9 | —26.1 | —26.5 | —27.3 | —27.7 | —28.1 | —29.1 | —30.0 | —30.6 | —31.1 | —31.2 | —30.9 | —30.6 | —30.6 | —30.7 | —30.7 | —30.9 | —30.1 | —28.61 | —26.1 | —31.2 | 5.1 |
| 6 | —28.2 | —26.1 | —26.1 | —25.3 | —24.4 | —23.9 | —25.6 | —22.8 | —22.9 | —22.4 | —22.0 | —21.6 | —21.5 | —21.5 | —21.4 | —21.4 | —21.2 | —20.9 | —20.7 | —21.2 | —21.5 | —21.5 | —21.7 | —21.7 | —22.81 | —20.7 | —28.2 | 7.5 |
| 7 | —21.7 | —21.5 | —21.1 | —20.5 | —20.2 | —20.0 | —20.5 | —20.6 | —21 8 | —24.7 | —25.7 | —26.5 | —26.9 | —27.5 | —27.7 | —27.9 | —27.6 | —27.2 | —26.1 | —26.1 | —27.0 | —26.3 | —24.9 | —24.7 | —24.35 | —20.0 | —27.9 | 7.9 |
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| 9 | —22.7 | —21.8 | —21.4 | —21.4 | —21.5 | —21.5 | —21.3 | —21.0 | —20.7 | —20.7 | —20.7 | —20.6 | —21.8 | —20.7 | —20.3 | —20.3 | —20.3 | —20.3 | —19.9 | —19.9 | —20.1 | —20.1 | —20.4 | —20.8 | **—20.84** | **—19.9** | —22.7 | 2.8 |
| 10 | —20.5 | —21.2 | —22.7 | —24.7 | —25.7 | —26.7 | —28.1 | —28.7 | —30.2 | —31.2 | —32.3 | —33.3 | —33.5 | —33.7 | —34.7 | —35.1 | —35.4 | —35.5 | —35.7 | —36.1 | —36.5 | —36.7 | —36.9 | —37.1 | —31.34 | —20.5 | —37.1 | 16.6 |
| 11 | —37.1 | —37.6 | —37.6 | —37.5 | —37.7 | —37.7 | —37.9 | —37.9 | —38.1 | —38.3 | —38.5 | —38.5 | —38.8 | —41.7 | —42.1 | —42.1 | —42.5 | —42.7 | —43.0 | —43.0 | —42.9 | —42.6 | —42.7 | —42.8 | —40.05 | —37.1 | —43.0 | 5.9 |
| 12 | —43.0 | —42.5 | —42.1 | —41.5 | —41.0 | —40.1 | —40.0 | —38.8 | —37.1 | —34.1 | —36.6 | —36.6 | —36.0 | —34.6 | —34.5 | —34.1 | —34.1 | —33.8 | —32.5 | —31.5 | —31.5 | —31.5 | —31.6 | —31.9 | —36.29 | —31.5 | —43.0 | 11.5 |
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| 14 | —32.4 | —33.2 | —33.5 | —33.0 | —34.3 | —34.3 | —34.0 | —34.3 | —33.6 | —33.5 | —33.0 | —33.5 | —33.5 | —33.4 | —32.0 | —31.8 | —31.6 | —31.5 | —31.5 | —32.4 | —32.8 | —32.6 | —33.0 | —33.5 | —33.01 | —31.5 | —34.3 | 2.8 |
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| 16 | —36.2 | —35.1 | —33.0 | —35.2 | —35.5 | —35.5 | —35.7 | —35.5 | —35.3 | —35.1 | —35.2 | —35.3 | —35.2 | —35.0 | —35.6 | —36.1 | —36.6 | —36.8 | —36.5 | —36.8 | —36.5 | —36.5 | —37.0 | —36.0 | —35.72 | —33.0 | —37.0 | 4.0 |
| 17 | —35.6 | —35.7 | —35.5 | —35.6 | —35.4 | —34.7 | —33.9 | —33.1 | —32.5 | —31.6 | —31.4 | —31.5 | —30.5 | —29.1 | —28.8 | —28.9 | —28.2 | —28.1 | —28.0 | —28.0 | —27.9 | —28.0 | —27.5 | —26.9 | —31.10 | —26.9 | —35.7 | 8.8 |
| 18 | —26.2 | —26.0 | —25.3 | —25.8 | —27.8 | —25.8 | —25.1 | —26.0 | —27.0 | —27.0 | —25.4 | —24.4 | —24.0 | —24.0 | —24.1 | —23.5 | —24.5 | —24.1 | —24.0 | —23.8 | —23.8 | —23.5 | —24.1 | —24.3 | —24.98 | —23.5 | —27.8 | 4.3 |
| 19 | —24.5 | —25.0 | —24.9 | —24.0 | —23.3 | —23.0 | —23.4 | —23.9 | —24.6 | —25.5 | —25.7 | —25.7 | —25.7 | —25.4 | —26.5 | —25.4 | —25.0 | —25.0 | —24.5 | —24.8 | —25.1 | —24.9 | —25.0 | —24.5 | —24.80 | —23.0 | —26.5 | 3.5 |
| 20 | —24.6 | —24.5 | —24.1 | —24.1 | —24.5 | —25.5 | —27.5 | —28.5 | —29.2 | —30.0 | —30.6 | —30.8 | —30.7 | —30.5 | —31.9 | —30.9 | —30.3 | —31.6 | —31.9 | —31.5 | —32.1 | —33.1 | —33.9 | —34.4 | —29.45 | —24.1 | —34.4 | 10.3 |
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| 23 | —33.9 | —34.0 | —34.4 | —34.6 | —34.8 | —34.9 | —35.5 | —35.9 | —36.5 | —36.5 | —37.0 | —37.2 | —37.7 | —39.1 | —37.7 | —38.0 | —38.5 | —38.5 | —38.6 | —38.5 | —38.5 | —38.1 | —38.2 | —38.5 | —36.88 | —33.9 | —38.6 | 4.7 |
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| 25 | —36.5 | —35.5 | —34.7 | —34.6 | —34.0 | —33.2 | —33.0 | —32.5 | —32.1 | —31.1 | —30.3 | —30.0 | —29.9 | —29.5 | —30.0 | —31.5 | —33.5 | —34.0 | —34.0 | —34.5 | —35.1 | —35.5 | —36.1 | —36.5 | —33.23 | —29.5 | —36.5 | 7.0 |
| 26 | —36.9 | —36.6 | —37.0 | —37.4 | —37.0 | —36.8 | —37.5 | —37.3 | —37.0 | —38.0 | —38.2 | —37.0 | —36.6 | —37.0 | —38.0 | —38.5 | —39.0 | —39.0 | —39.1 | —39.7 | —39.8 | —39.9 | —40.1 | —40.0 | —38.06 | —36.6 | —40.1 | 3.5 |
| 27 | —39.4 | —39.0 | —39.4 | —39.7 | —40.1 | —39.9 | —38.9 | —38.4 | —38.0 | **—38.0** | —38.0 | —37.5 | —37.5 | —36.2 | —35.2 | —35.6 | —36.0 | —36.1 | —36.6 | —35.5 | —35.3 | —35.3 | —34.6 | —34.5 | —37.28 | —34.5 | —40.1 | 5.6 |
| 28 | —33.7 | —32.9 | —32.0 | —31.7 | —31.5 | —31.5 | —31.7 | —30.4 | —31.5 | —31.5 | —31.1 | —31.5 | —31.9 | —32.1 | —33.0 | —33.1 | —33.5 | —34.0 | —34.7 | —35.2 | —36.5 | —37.0 | —37.0 | —37.0 | —33.17 | —30.4 | —37.0 | 6.6 |
| 29 | —37.0 | —37.1 | —36.1 | —35.1 | —35.5 | —37.7 | —38.5 | —38.8 | —38.8 | —38.9 | —38.2 | —38.3 | —38.5 | —40.7 | —41.7 | —42.6 | —43.0 | —43.1 | —43.2 | —43.5 | —43.7 | —44.0 | —44.5 | —45.0 | —40.15 | —35.1 | —45.0 | 9.9 |
| 30 | —44.9 | —45.3 | —45.5 | —45.7 | —45.7 | —46.0 | —46.4 | —46.4 | —46.7 | —46.6 | —46.6 | —46.5 | —46.5 | —46.5 | —47.0 | —46.5 | —46.2 | —46.1 | —47.0 | —47.0 | —47.0 | —45.2 | —46.7 | —47.0 | **—46.46** | —44.9 | **—45.2** | 3.3 |
| 31 | —46.6 | —46.6 | —46.4 | —45.9 | —45.6 | —45.4 | —44.9 | —44.8 | —44.5 | —44.0 | —43.0 | —43.5 | —43.3 | —43.1 | —43.0 | —43.1 | —43.1 | —43.1 | —43.9 | —43.6 | —43.6 | —43.6 | —43.2 | —43.6 | —44.25 | —43.0 | —46.6 | 3.6 |
| Среднее Mittel | —32.52 | —32.41 | **—32.25** | —32.65 | —32.42 | —32.45 | —32.61 | —32.50 | —32.70 | —32.76 | —32.82 | —32.88 | —32.91 | —32.8 | —33.04 | —33.08 | —33.22 | —33.26 | —33.11 | —33.10 | —33.24 | —33.22 | **—33.27** | —33.25 | —32.84 | —29.92 | —35.65 | 5.73 |

1) Термометръ во время пурги снѣгомъ занесенъ.

1) Das Thermometer während des Schneesturms vom Schnee verweht.

# Температура на поверхности земли.

## Январь 1883.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
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| 1 | —43.0 | —43.3 | —43.4 | —43.5 | —43.3 | —43.4 | —43.4 | —43.3 | —43.3 | —43.3 | —42.7 | —43.1 | —42.8 | —42.3 | —42.3 | —42.4 | —42.4 | —42.4 | —42.3 | —42.4 | —42.5 | —42.4 | —42.4 | —42.3 | **—42.83** | —42.3 | **—43.5** | 1.2 |
| 2 | —41 8 | —41.4 | —41.2 | —40.9 | —40.8 | —40.5 | —40 3 | —40.0 | —39.7 | —39.0 | —38.4 | —36.5 | —35.5 | —34.5 | —33.3 | —32.9 | —32.2 | —31.5 | —31.4 | —31.2 | —31.2 | —31.1 | —31.6 | —31.8 | —36.18 | —31.1 | —41.8 | 10.7 |
| 3 | —32.4 | —33.8 | —34.3 | —34.9 | —35.4 | —36.0 | —36.5 | —36 5 | —36.1 | —35.6 | —35.4 | —35.2 | —84.2 | —33.5 | —33.5 | —32.3 | —31.7 | —30.3 | —29.5 | —28.9 | —28.8 | —28.3 | —27.4 | —27.4 | —32.81 | —27.4 | —36.5 | 9.1 |
| 4 | —27.6 | —28.4 | —28.7 | —28.4 | —29.3 | —29.7 | —29.8 | —29.2 | —29.0 | —29.1 | —29.2 | —28.9 | —28.4 | —28.2 | —28.1 | —27.9 | —28.9 | —30.8 | —31.3 | —31.7 | —32.5 | —32.7 | —32.5 | —33.5 | —29.72 | —27.6 | —33.5 | 5.9 |
| 5 | —33.9 | —34.2 | —34.3 | —34.6 | —34.7 | —34.6 | —34.4 | —34.7 | —34.6 | —34.5 | —34.6 | —34.3 | —34.0 | —34.2 | —34.0 | —34.3 | —34.3 | —34.4 | —34.5 | —34.5 | —33.8 | —31.8 | —32.0 | —31.8 | —34.04 | —31.8 | —34.7 | 2.9 |
| 6 | —30.9 | —30.3 | —29.1 | —28.8 | —28.8 | —28.3 | —28.4 | —28.1 | —28.4 | —29.3 | —29.3 | —28.9 | —28.1 | —27.5 | —27.5 | —27.4 | —27.2 | —27.2 | —27.0 | —27.0 | —26.8 | —26.8 | —26.6 | —26.6 | **—28.10** | —26.6 | —30.9 | 4.3 |
| 7 | —26.6 | —26.3 | —27.2 | —27.3 | —27.6 | —28.6 | —27.9 | —27.8 | —28.4 | —30.9 | —31.5 | —31.0 | —32.1 | —32.3 | —32.2 | —32.8 | —33.3 | **—33.3** | —33.5 | —34.1 | —34.6 | —35.8 | —34.9 | —34.8 | —31.03 | **—26.3** | —35.8 | 9.5 |
| 8 | —34.8 | —34.8 | —34.7 | —34.8 | —35.9 | —35.2 | —35.3 | —35.0 | —35.2 | —35.0 | —33.8 | —32.7 | —32.0 | —31.5 | —30.8 | —30.0 | —28.8 | —28.4 | —27.8 | —28.3 | —27.6 | —28.3 | —27.9 | —31.97 | —27.6 | —35.3 | 7.7 | |
| 9 | —28.2 | —29.3 | —29.7 | —31.2 | —31.7 | —32.7 | —33.1 | —33.6 | —33.8 | —33.9 | —34.4 | —34.9 | —35.8 | —35.9 | —35.8 | —36.3 | —35.8 | —35.8 | —36.2 | —36.5 | —36.9 | —36.8 | —37.4 | —37.4 | —34.30 | —28.2 | —37.4 | 9.2 |
| 10 | —37.7 | —37.3 | —36.7 | —36.4 | —35.8 | —36.1 | —35.9 | —35.9 | —36.4 | —35.9 | —34.3 | —34.5 | —33.8 | —34.3 | —34.7 | —35.3 | —35.9 | —35.9 | —36.4 | —36.8 | —37.3 | —37.2 | **—37.8** | —37.8 | —37.9 | —36.17 | —33.8 | —37.9 | 4.1 |
| 11 | —38.5 | —38.3 | —38.6 | —38.8 | —39.2 | —39.3 | —39.3 | —39.6 | —38.9 | —39.2 | —39.7 | —40.0 | —38.5 | —36.8 | —36.5 | —35.4 | —35.7 | —34.4 | —33.5 | —33.3 | —35.2 | —34.6 | —33.8 | —33.2 | —37.10 | —33.2 | —40.0 | 6.8 |
| 12 | —32.8 | —32.5 | —32.0 | —31.8 | —31.8 | —31.8 | —31.4 | —31.2 | —31.5 | —31.3 | —31.3 | —30.9 | —80.8 | —30.8 | —30.8 | —30.3 | —29.8 | —30.3 | —31.8 | —32.8 | —32.9 | —33.3 | —33.8 | —35.3 | —31.79 | —29.8 | —35.3 | 5.5 |
| 13 | —34.7 | —33.8 | —32.9 | —33.9 | —34.7 | —35.5 | —36.3 | —37.0 | —35.4 | —34.3 | —35.5 | —36.1 | —36.7 | —36.5 | —36.3 | —36.5 | —36.8 | —36.8 | —37.0 | —37.3 | —37.5 | —37.4 | —37.6 | —38.2 | —36.03 | —32.9 | —38.2 | 5.3 |
| 14 | —38.4 | —38.8 | —38.7 | —38.4 | —37.9 | —38.3 | —38.2 | —38.3 | —38.6 | —38 3 | —38.3 | —38.3 | —38.3 | —38.5 | —38.8 | —38.9 | —39.0 | —39.3 | —39.3 | —39.3 | —39.6 | —39.7 | —40.0 | —38.75 | —37.9 | —40.0 | 2.1 | |
| 15 | —40.0 | —40.2 | —40.4 | —40.8 | —40.9 | —40.9 | —40.8 | —40 4 | —40.4 | —40.3 | —40.5 | —40.3 | —40.0 | —39.4 | —38.8 | —38.3 | —37.4 | —37.0 | —36.8 | —36.3 | —35.8 | —39.05 | —35.8 | —40.9 | 5.1 | | | |
| 16 | —34.6 | —34.3 | —33.3 | —32.8 | —32.3 | —31.8 | —30.9 | —30.7 | —30.2 | —29.8 | —30.0 | —30.9 | —30.8 | —30.7 | —30.4 | —31.4 | —32.2 | —32.7 | —32.8 | —31.8 | —32.3 | —32.2 | —32.3 | —32.8 | —31.83 | —29.8 | —34.6 | 4.8 |
| 17 | —33.3 | —33.1 | —33.4 | —32.8 | —31.8 | —31.3 | —32.8 | —33.3 | —33.7 | —33.3 | —32.8 | —32.3 | —31.7 | —31.5 | —30.8 | —29.3 | —28.8 | —28.8 | —28.3 | —27.8 | —26.8 | —26.8 | —26.8 | —27.2 | —30.76 | —26.8 | —33.7 | 6.9 |
| 18 | —27.1 | —26.8 | —27.1 | —27.9 | —28.8 | —29.3 | —29.5 | —29.8 | —30.0 | —29.7 | —28.9 | —28.8 | —28.9 | —29.3 | —30.3 | —30.4 | —31.0 | —31.0 | —31.3 | —31.2 | —31.4 | —31.3 | —31.6 | —33.5 | —29.81 | —26.8 | —33.5 | 6.7 |
| 19 | —30.8 | —30.9 | —30.8 | —30.6 | —30.1 | —30.4 | —30.3 | —30.3 | —30.3 | —30.3 | —30.0 | —30.3 | —31.2 | —31.3 | —31.0 | —31.7 | —31.7 | —31.8 | —32.2 | —32.3 | —32.8 | —32.8 | —33.1 | —33.3 | —31.25 | —30.0 | —33.3 | 3.3 |
| 20 | —33.1 | —32.8 | —32.0 | —32.1 | —31.3 | —29.9 | —29.4 | —29.7 | —29.3 | —29.3 | —29.0 | —29.3 | —29.7 | —29.6 | —30.3 | —30.6 | —31.3 | —31.3 | —30.8 | —29.8 | —30.3 | —30.1 | —29.8 | —30.1 | —30.45 | —29.0 | —33.1 | 4.1 |
| 21 | —29 8 | —30.5 | —31.3 | —32.0 | —32.5 | —33.0 | —34.3 | —34.6 | —34.6 | —35.2 | —34.8 | —35.4 | —35.7 | —36.0 | —36.3 | —36.6 | —36.3 | —36.8 | —38.1 | —37.3 | —37.1 | —36.8 | —37.1 | —37.3 | —34.98 | —29.8 | —38.1 | 8.3 |
| 22 | —37.3 | —37.7 | —37.8 | —37.8 | —38.2 | —38.3 | —38.2 | —38.3 | —38.4 | —38.3 | —38 6 | —38.3 | —38.5 | —38.5 | —38.6 | —38.8 | —39.2 | —39.0 | —39.0 | —39.0 | —38.7 | —38.3 | —38.4 | —38.4 | —38.40 | —37.3 | —39.2 | 1.9 |
| 23 | —38.4 | —38.9 | —38.8 | —38.8 | —38.8 | —38.8 | —38.9 | —38.8 | —38.8 | —38.9 | —39.1 | —39.2 | —39.3 | —39.3 | —39.4 | —39.4 | —39.8 | —39.7 | —39.7 | —39.9 | —39.9 | —39.7 | —39.6 | —39.3 | —39.22 | —38.4 | —39.9 | 1.5 |
| 24 | —38.3 | —37.4 | —36.8 | —37.5 | —37.3 | —37.3 | —37.6 | —37 8 | —37.8 | —37.8 | —37.6 | —37.3 | —36.6 | —36.3 | —36.4 | —36.4 | —36.3 | —35.7 | —35.7 | —35.8 | —35.9 | —36.3 | —36.1 | —35 9 | —36.84 | —35.7 | —38.3 | 2.6 |
| 25 | —36.1 | —36.3 | —36.3 | —36.3 | —36 2 | —36.3 | —36.5 | —36.7 | —37.1 | —37.3 | —37.6 | —37.7 | —37.4 | —37.8 | —37.8 | —37.8 | —37.9 | —38.2 | —38.2 | —38.5 | —39.2 | —38.2 | —38.3 | —38.5 | —37.43 | —36.1 | —39.2 | 3.1 |
| 26 | —38 7 | —38.6 | —38.6 | —38.7 | —38.8 | —38.5 | —37.7 | —37.0 | —37.2 | —36.3 | —36.0 | —36.6 | —37.8 | —37.8 | **—38.3** | —38.4 | —38.5 | —38.5 | —38.6 | —38.7 | —38.5 | —38.6 | —38.7 | —38.8 | **—38.06** | —36.0 | —38.8 | 2.8 |
| 27 | —38.9 | —38.5 | —38.5 | —38.4 | —38.4 | —38.2 | —37.7 | —37.4 | —37.9 | —38.3 | —37.8 | —37.3 | —37.8 | —38.2 | —38.2 | —38.3 | —38.5 | —38.8 | —38.9 | —39.2 | —39.2 | —38.5 | —38.2 | —38.1 | —38.31 | —37.3 | —39.2 | 1.9 |
| 28 | —37.9 | —38.1 | —38.2 | —37.9 | —38.3 | —38.4 | —38.2 | —37.5 | —37.4 | —38.0 | —38.6 | —38.7 | —38.6 | —38.7 | —38.3 | —38.1 | —38.2 | —38.4 | —38.4 | —38.4 | —39.1 | —38.8 | —38.9 | —39.2 | —38.35 | —37.4 | —39.2 | 1.8 |
| 29 | —39.3 | —40.3 | —40.5 | —40.3 | —40.5 | —40.8 | —40.8 | —40.8 | —41.2 | —41.3 | —41.2 | —41.0 | —41.0 | —40.8 | —41.2 | —41.3 | —40.8 | —40.9 | —40.9 | —40.9 | —40.8 | —40.8 | —40.5 | —40.8 | —40.78 | —39.3 | —41.3 | 2.0 |
| 30 | —41.1 | —41.1 | —41.0 | —40.7 | —40.4 | —40.8 | —40 3 | —40 3 | —40.3 | —40.2 | —40.3 | —40.3 | —40.3 | —40.2 | —39.9 | —40.3 | —40.3 | —40.3 | —40.3 | —40.3 | —40.4 | —40.3 | —40.5 | —40.8 | —40.42 | —39.9 | —41.1 | 1.2 |
| 31 | —41.3 | —41.4 | —41.9 | —41.8 | —41.9 | —41.8 | —41.8 | —41.8 | —41.8 | —42.2 | —42.5 | —42.3 | —42.5 | —42.2 | —42.0 | —42.3 | —42.3 | —42.3 | —42.7 | —42.3 | —42.3 | —42.3 | —41.8 | —42.05 | —41.3 | **—42.7** | 1.4 | |
| Среднее Mittel | —35.40 | —35.46 | —35.43 | —35.51 | —35.53 | —35.67 | —35.67 | —35.66 | —35.67 | **—35.68** | —35.59 | —35.52 | —35.42 | —35.29 | —35.24 | —35.25 | —35.28 | **—35.23** | —35.31 | —35.31 | —35.47 | —35.31 | —35.30 | —35.47 | —35.45 | —33.01 | —37.64 | 4.63 |



# Temperatur an der Erdoberfläche.

## Januar 1883.

Mittlere Ortszeit.

## Февраль 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средня. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —42.1 | —42.2 | —42.2 | —42.0 | —41.8 | —41.8 | —41.8 | —41.6 | —40.8 | —40.6 | —40.8 | —41.0 | —40.9 | —41.5 | —41.3 | —41.1 | —41.1 | —41.0 | —40.4 | —40.4 | —40.9 | —41.3 | —40.3 | —40.3 | —41.21 | —40.3 | —42.2 | 1.9 |
| 2 | —40.0 | —40.3 | —40.4 | —40.4 | —40.3 | —40.3 | —40.6 | —40.8 | —41.2 | —41.0 | —41.1 | —40.9 | —40.7 | —40.5 | —39.4 | —39.3 | —38.8 | —37.6 | —36.8 | —36.2 | —35.8 | —35.2 | —35.0 | —34.6 | —39.04 | —34.6 | —41.2 | 6.6 |
| 3 | —33.8 | —34.4 | —34.3 | —34.3 | —33.9 | —33.2 | —33.4 | —33.5 | —34.0 | —33.3 | —32.4 | —31.8 | —31.6 | —31.8 | —31.4 | —31.2 | —31.2 | —31.2 | —30.8 | —31.8 | —31.8 | —32.0 | —31.8 | —32.8 | —32.57 | —30.8 | —34.4 | 3.6 |
| 4 | —32.1 | —32.1 | —32.3 | —32.5 | —32.7 | —32.3 | —33.3 | —33.6 | —34.1 | —34.8 | —34.6 | —34.4 | —34.4 | —35.3 | —35.8 | —36 7 | **—37.3** | —37.4 | —37.5 | —38.0 | —38.8 | —38.7 | —39.2 | —39.4 | —35.30 | —32.1 | —39.4 | 7.3 |
| 5 | —39.3 | —38.9 | —38.8 | —39.1 | —39.3 | —39.5 | —39.5 | —39.7 | —40.0 | —40.3 | —40.6 | —40.8 | —41.1 | —41.3 | —41.3 | —41.5 | —41.5 | —41.6 | —41.9 | —42.0 | —41.9 | —41.8 | —41.6 | —41.3 | —40.59 | —38.8 | —42.0 | 3.2 |
| 6 | —40.8 | —40.8 | —40.8 | —41.3 | —41.8 | —42.3 | —42.3 | —42.3 | —43.2 | —43.6 | —43.8 | —43.6 | —43.8 | —43.8 | —43.9 | —44.3 | —44.3 | —44.5 | —44.6 | —44.4 | —44.3 | —44.4 | —44.8 | —45.2 | —43.27 | —40.8 | —45.2 | 4.4 |
| 7 | —45.3 | —45.4 | —45.5 | —45.7 | —45.7 | —45.7 | —45.8 | —45.8 | —46.1 | —46.4 | —46.2 | —46.1 | —45.9 | —46.3 | —46.4 | —46.3 | —46.3 | —46.3 | —46.5 | —46.3 | —46.7 | —46.8 | —47.1 | —46.9 | —46.15 | —45.3 | —47.1 | 1.8 |
| 8 | —46.8 | —47.1 | —47.1 | —47.3 | —47.5 | —47.7 | —47.8 | —47.9 | —47.9 | —48.3 | —47.8 | —48.0 | —47.7 | —47.9 | —48.1 | —47.9 | —48.1 | —47.9 | —48.2 | —47.9 | —48.2 | —48.3 | —48.4 | —48.6 | —47.85 | —46.8 | —48.6 | 1.8 |
| 9 | —48.6 | —48.9 | —48.8 | —48.9 | —49.3 | —49.3 | —49.3 | —49.3 | —49.3 | —48.9 | —48.7 | —48.4 | —48.4 | —48.3 | —48.4 | —48.1 | —47.8 | —47.4 | —46.8 | —47.3 | —47.0 | —47.0 | —46.4 | —46.7 | **—48.22** | —46.4 | **—49.3** | 2.9 |
| 10 | —46.9 | —46.9 | —46.7 | —46.4 | —46.0 | —46.5 | —46.8 | —45.9 | —46.3 | —46.7 | —46.7 | —46.7 | —47.0 | —47.0 | —47.1 | —47.0 | —47.1 | —47.1 | —47.0 | —47.3 | —47.6 | —48.3 | —48.6 | —48.0 | —46.98 | —45.9 | —48.6 | 2.7 |
| 11 | —47.8 | —47.5 | —47.4 | —47.3 | —47.3 | —47.7 | —47.1 | —47.1 | —47.2 | —47.2 | —47.1 | —46.9 | —46.8 | —46.9 | —46.8 | —46.8 | —46.7 | —46.8 | —46.8 | —46.7 | —46.2 | —46.3 | —45.9 | —46.3 | —46.94 | —45.9 | —47.8 | 1.9 |
| 12 | —46.1 | —45.9 | —46.0 | —46.0 | —46.0 | —45.9 | —45.3 | —44.8 | —45 3 | —45.0 | —44.8 | —45.0 | —44.5 | —44.7 | —44.4 | —43.7 | —44.3 | —43.8 | —44.3 | —43.8 | —43.8 | —43.8 | —44.0 | —44.2 | —44.82 | —43.5 | —46.1 | 2.6 |
| 13 | —44.3 | —44.2 | —44.2 | —44.2 | —44.2 | —44.4 | —44.3 | —43.9 | —43.7 | —43.4 | —43.2 | —42.4 | —42.5 | —42.3 | —42.0 | —41.9 | —41.9 | —41.8 | —41.6 | —41.3 | —41.3 | —40.9 | —40.8 | —40.7 | —42.71 | —40.7 | —44.4 | 3.7 |
| 14 | —40.2 | —39.7 | —40.0 | —39.8 | —39.5 | —39.4 | —39.6 | —39.6 | —38.8 | —37.9 | —37.4 | —36.9 | —36.6 | —36.6 | —36.2 | —35.7 | —35.8 | —35.3 | —34.8 | —34.8 | —34.8 | —34.3 | —34.1 | —33.3 | —37.03 | —33.0 | —40.2 | 7.2 |
| 15 | —32.1 | —31.9 | —31.4 | —32.6 | —31.8 | —31.9 | —32.3 | —32.2 | —32.3 | —32.7 | —33.5 | —34.5 | —35.0 | —35.3 | —36.5 | —35.5 | —35.8 | —36.4 | —36.2 | —35.8 | —35.7 | —35.2 | —35.2 | —35.3 | —34.02 | —31.4 | —36.4 | 5.0 |
| 16 | —35.0 | —35.6 | —35.5 | —35.4 | —35.2 | —35.9 | —36.3 | —37.8 | —38.7 | —39.3 | —39.3 | —39.3 | —38.3 | —38.3 | —37.8 | —37.8 | —38.8 | —39.2 | —39.3 | —39.8 | —40.0 | —40.2 | —40.4 | —40.0 | —38.09 | —35.0 | —40.4 | 5.4 |
| 17 | —40.2 | —40.4 | —40.8 | —41.1 | —41.4 | —41.8 | —42.0 | —42.3 | —42.0 | —42.0 | —42.1 | —42.2 | —42.2 | —42.3 | —42.0 | —42.6 | —42.5 | —42.4 | —42.0 | —42.1 | —42.2 | —42.0 | —42.3 | —41.9 | —41.87 | —40.2 | —42.6 | 2.4 |
| 18 | —42.3 | —42.0 | —42.0 | —42.2 | —42.3 | —42.3 | —42.5 | —42.9 | —43.7 | —43.2 | —42.0 | —43.5 | —43.3 | —43.5 | —43.2 | —43.4 | —43.7 | —43.8 | —43.9 | —44.1 | —44.3 | —44.2 | —44.3 | —44.4 | —43.20 | —42.0 | —44.4 | 2.4 |
| 19 | —44.1 | —43.9 | —44.6 | —44.3 | —44.4 | —44.4 | —44.2 | —43.9 | —43.9 | —43.6 | —43.6 | —43.3 | —43.6 | —43.6 | —43.2 | —43.3 | —43.0 | —43.1 | —43.3 | —43.8 | —43.8 | —43.7 | —43.6 | —43.6 | —43.70 | —43.0 | —44.6 | 1.6 |
| 20 | —43.4 | —43.3 | —43.3 | —43.4 | —43.4 | —43.5 | —43.9 | —43.6 | —44.3 | —43.8 | —43.6 | —43.3 | —43.1 | —43.5 | —43.3 | —43.8 | —43.8 | —43.9 | —43.4 | —43.8 | —44.0 | —44.3 | —44.3 | —44.4 | —43.68 | —43.1 | —44.4 | 1.3 |
| 21 | —44.3 | —44.4 | —44.3 | —44.6 | —44.7 | —45.2 | —44.8 | —45.3 | —45.1 | —44.8 | —44.7 | —44.3 | —44.8 | —44.2 | —44.0 | —44.0 | —44.3 | —44.2 | —44.3 | —44.4 | —44.4 | —44.4 | —44.1 | —44.48 | —44.0 | —45.3 | 1.3 | |
| 22 | —44.5 | —44.4 | —44.6 | —44.5 | —44.3 | —44.4 | —44.6 | —44.8 | —44.5 | —44.2 | —43.5 | —43.3 | —42.5 | —42.5 | —42.4 | —42.4 | —42.1 | —41.9 | —41.3 | —41.2 | —40.8 | —39.1 | —39.2 | —38.3 | —43.14 | —38.3 | —44.8 | 6.5 |
| 23 | —36.9 | —36.3 | —35.5 | —34.9 | —34.4 | —34.2 | —34.0 | —33.8 | —33.0 | —32.5 | —32.3 | —31.7 | —31.6 | —31.7 | —31.7 | —31.8 | —31.8 | —31.4 | —30.8 | —30.5 | —31.8 | —31.3 | —31.6 | —32.78 | —30.5 | —36.9 | 6.4 | |
| 24 | —32.0 | —32.5 | —32.4 | —32 3 | —32.5 | —32.5 | —32.8 | —33.4 | —33.8 | —34.0 | —34.1 | —33.6 | —33.7 | —33.8 | —34.4 | —33.8 | —33.8 | —34.0 | —33.8 | —33.4 | —34.4 | —34.4 | —35.4 | —35.5 | —33.60 | —32.0 | —35.5 | 3.5 |
| 25 | —35.9 | —35.7 | —35.8 | —36.0 | —36.1 | —35.8 | —34.8 | —34.3 | —33.7 | —33.3 | —32.9 | —32.6 | —31.2 | —31.2 | —31.7 | —31.5 | —31.3 | —30.4 | —30.5 | —30.7 | —31.7 | —32.3 | —33.0 | —33.03 | —30.4 | —36.1 | 5.7 | |
| 26 | —33.7 | —34.3 | —34.6 | —35.0 | —35.3 | —35.4 | —36.1 | —36.3 | —36.2 | —36.2 | —34.9 | —34.1 | —32.8 | —32.4 | —31.3 | —31.2 | —30.8 | —30.4 | —30.9 | —30.3 | —29.9 | —29.8 | —30.3 | —30.2 | —33.02 | —29.8 | —36.3 | 6.5 |
| 27 | —29.8 | —30.0 | —29.6 | —29.3 | —28.9 | —28.8 | —28.7 | —28.6 | —28.1 | —28.0 | —27.8 | —26.9 | —27.3 | —27.2 | —27.1 | —27.3 | —27.5 | —27.8 | —28.1 | —28.3 | —29.3 | —30.4 | —31.8 | —32.8 | **—28.75** | **—26.9** | —32.8 | 5.9 |
| 28 | —33.6 | —34.2 | —34.5 | —35.2 | —35.7 | —35.9 | —36.4 | —34.4 | —32.8 | —31.7 | —30.6 | —29.7 | —28.9 | —28.4 | —28.3 | —28.0 | —27.9 | —27.8 | —27.4 | —27.5 | —27.8 | —28.4 | —28.7 | —29.5 | —30.97 | —27.4 | —36.4 | 9.0 |
| Среднее Mittel | —40.07 | —40.11 | —40.12 | —40.21 | —40.20 | —40.28 | **—40.37** | —40.32 | —40.36 | —40.24 | —39.98 | —39.81 | —39.65 | —39.68 | —39.59 | —39.56 | —39.60 | —39.54 | **—39.39** | —39.46 | —39.50 | —39.59 | —39.67 | —39.73 | —39.89 | —37.82 | —41.91 | 4.09 |

# Температура на поверхности земли.

## Мартъ 1883.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —31.3 | —31.8 | —32.0 | —33.1 | —33.5 | —34.0 | —34.4 | —34.4 | —34.7 | —34.4 | —34.3 | —34.3 | —34.2 | —34.3 |
| 2 | —36.3 | —36.4 | —36.8 | —36.8 | —36.5 | —36.4 | —36.7 | —36.3 | —36.3 | —36.0 | —35.9 | —36.0 | —35.9 | —35.9 |
| 3 | —30.3 | —29.8 | —29.0 | —28.3 | —28.3 | —28.2 | —27.5 | —27.2 | —27.7 | —28.4 | —28.3 | —27.5 | —26.8 | —27.7 |
| 4 | —28.1 | —27.8 | —27.8 | —27.6 | —27.3 | —27.5 | —27.8 | —28.2 | —28.8 | —28.8 | —28.3 | —28.3 | —28.2 | —27.8 |
| 5 | —32.2 | —32.6 | —33.2 | —33.5 | —33.8 | —33.8 | —33.4 | —33.8 | —33.6 | —33.4 | —33.0 | —32.8 | —32.3 | —32.4 |
| 6 | —35.3 | —35.4 | —35.5 | —35.8 | —35.8 | —36.3 | —36.8 | —36.6 | —36.7 | —36.0 | —35.3 | —35.5 | —35.4 | —35.8 |
| 7 | —38.5 | —38.5 | —38.5 | —38.6 | —38.3 | —38.8 | —38.8 | —38.8 | —38.3 | —37.5 | —37.1 | —36.3 | —35.8 | —35.4 |
| 8 | —38.8 | —38.8 | —39.3 | —39.3 | —39.3 | —39.6 | —38.6 | —37.2 | —37.3 | —36.4 | —36.0 | —35.9 | —35.3 | —34.7 |
| 9 | —36.8 | —37.0 | —37.2 | —37.4 | —37.1 | —37.1 | —37.1 | —36.5 | —35.2 | —34.8 | —34.4 | —33.9 | —33.3 | —33.3 |
| 10 | —36.4 | —36.4 | —36.6 | —36.6 | —36.7 | —36.7 | —36.9 | —36.3 | —35.7 | —35.2 | —34.3 | —33.9 | —33.2 | —32.5 |
| 11 | —33.5 | —33.8 | —33.8 | —33.8 | —33.8 | —33.3 | —33.2 | —32.6 | —31.8 | —30.9 | —29.5 | —28.3 | —28.5 | —28.8 |
| 12 | —32.3 | —33.3 | —33.8 | —34.4 | —34.8 | —35.3 | —35.3 | —35.4 | —34.6 | —34.0 | —33.5 | —33.3 | —33.3 | —33.1 |
| 13 | —36.4 | —36.3 | —36.4 | —36.5 | —36.3 | —36.5 | —36.9 | —36.8 | —35.9 | —35.0 | —33.9 | —33.0 | —32.8 | —32.6 |
| 14 | —25.8 | —24.8 | —23.8 | —24.0 | —24.3 | —23.0 | —22.8 | —23.8 | —23.8 | —20.8 | —21.8 | —20.3 | —19.9 | —20.2 |
| 15 | —20.8 | —20.8 | —20.0 | —21.2 | —21.3 | —23.0 | —24.1 | —23.9 | —23.0 | —23.8 | —23.8 | —23.8 | —24.0 | —24.2 |
| 16 | —31.4 | —32.0 | —32.2 | —32.5 | —32.8 | —32.8 | —32.9 | —32.7 | —31.8 | —31.3 | —30.8 | —30.3 | —30.1 | —29.8 |
| 17 | —33.4 | —33.2 | —33.3 | —34.4 | —34.3 | —34.3 | —34.0 | —33.4 | —32.8 | —32.1 | —31.4 | —30.8 | —30.3 | —30.3 |
| 18 | —32.3 | —32.5 | —32.7 | —32.7 | —32.8 | —32.3 | —32.3 | —31.7 | —31.2 | —30.6 | —30.2 | —29.8 | —29.4 | —29.0 |
| 19 | —31.8 | —31.8 | —31.8 | —31.9 | —31.9 | —31.8 | —31.9 | —31.3 | —30.8 | —29.8 | —28.8 | —29.2 | —28.0 | —28.7 |
| 20 | —33.9 | —34.4 | —34.9 | —35.3 | —35.4 | —35.7 | —35.8 | —35.4 | —34.3 | —33.4 | —32.8 | —32.3 | —31.8 | —31.8 |
| 21 | —34.8 | —35.1 | —35.0 | —35.6 | —35.8 | —36.0 | —35.9 | —35.0 | —34.4 | —33.7 | —32.8 | —32.5 | —32.1 | —31.9 |
| 22 | —34.8 | —34.0 | —33.0 | —32.8 | —32.4 | —31.8 | —31.0 | —30.0 | —29.6 | —28.8 | —28.2 | —27.9 | —28.5 | —28.7 |
| 23 | —30.3 | —30.9 | —31.2 | —30.4 | —30.7 | —30.8 | —31.5 | —31.7 | —31.8 | —31.8 | —31.8 | —31.4 | —31.3 | —31.2 |
| 24 | —33.8 | —33.9 | —33.8 | —33.8 | —33.8 | —33.3 | —32.8 | —32.2 | —31.3 | —28.4 | —26.7 | —26.3 | —26.6 | —26.4 |
| 25 | —29.6 | —30.8 | —31.8 | —32.3 | —32.4 | —32.3 | —32.9 | —32.8 | —32.3 | —32.1 | —30.8 | —30.3 | —30.2 | —30.2 |
| 26 | —35.8 | —36.0 | —35.9 | —36.3 | —36.3 | —36.3 | —36.1 | —35.7 | —34.9 | —33.8 | —33.3 | —33.1 | —33.1 | —33.1 |
| 27 | —37.3 | —37.3 | —37.5 | —37.8 | —37.8 | —37.4 | —37.0 | —35.8 | —34.7 | —33.6 | —32.8 | —32.2 | —31.8 | —32.1 |
| 28 | —36.3 | —36.3 | —36.3 | —35.8 | —34.8 | —34.7 | —34.4 | —33.0 | —32.8 | —32.7 | —31.8 | —31.6 | —30.9 | —30.8 |
| 29 | —35.3 | —34.7 | —34.3 | —35.3 | —35.4 | —35.0 | —34.6 | —33.0 | —33.0 | —32.4 | —31.9 | —31.3 | —31.3 | —30.8 |
| 30 | —33.3 | —33.6 | —33.5 | —32.8 | —33.3 | —33.0 | —32.1 | —30.7 | —29.8 | —28.6 | —27.6 | —26.8 | —26.1 | —25.8 |
| 31 | —30.3 | —30.3 | —29.7 | —29.5 | —28.5 | —27.4 | —25.5 | —25.3 | —24.5 | —24.0 | —23.4 | —22.5 | —22.3 | —22.2 |
| Среднее Mittel | —33.15 | —33.24 | —33.25 | **—33.42** | —33.40 | —33.37 | —33.26 | —32.82 | —32.37 | —31.69 | —31.11 | —30.69 | —30.41 | **—30.37** |



# Temperatur an der Erdoberfläche.

## März 1883.

Mittlere Ortszeit.

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —34.7 | —34.9 | —35.3 | —35.4 | —35.8 | —36.1 | —36.1 | —36.3 | —36.3 | —36.3 | —34.50 | —31.3 | —36.3 | 5.0 |
| 2 | —35.8 | —34.8 | —33.6 | —32.8 | —32.3 | —31.3 | —32.5 | —32.6 | —31.8 | —30.8 | —34.85 | —30.8 | —36.8 | 6.0 |
| 3 | —28.6 | —28.8 | —28.6 | —29.1 | —28.8 | —27.9 | —27.7 | —27.9 | —28.3 | —28.3 | —28.29 | —26.8 | —30.3 | 3.5 |
| 4 | —27.8 | —28.0 | —28.0 | —28.9 | —29.9 | —30.4 | —31.1 | —31.3 | —31.4 | —31.7 | —28.78 | —27.3 | —31.7 | 4.4 |
| 5 | —32.9 | —32.9 | —33.5 | —33.5 | —33.9 | —33.8 | —34.1 | —34.4 | —35.0 | —35.2 | —33.46 | —32.2 | —35.2 | 3.0 |
| 6 | —35.9 | —36.0 | —36.7 | —36.9 | —37.3 | —37.7 | —37.8 | —37.8 | —38.1 | —38.3 | —36.45 | —35.3 | —38.3 | 3.0 |
| 7 | —35.6 | —35.8 | —36.8 | —37.0 | —37.9 | —37.8 | —38.1 | —38.4 | —38.3 | —38.6 | **—37.65** | —35.4 | —38.8 | 3.4 |
| 8 | —34.4 | —34.6 | —35.0 | —35.6 | —35.8 | —36.0 | —36.0 | —35.9 | —36.3 | —36.8 | —36.79 | —34.4 | **—39.6** | 5.2 |
| 9 | —33.5 | —33.8 | —34.6 | —35.2 | —35.3 | —35.6 | —35.9 | —36.0 | —36.0 | —36.2 | —35.55 | —33.3 | —37.4 | 4.1 |
| 10 | —31.7 | —32.4 | —33.4 | —33.8 | —33.7 | —34.2 | —34.3 | —34.5 | —34.9 | —34.6 | —34.79 | —31.7 | —36.9 | 5.2 |
| 11 | —29.5 | —28.8 | —29.0 | —32.4 | —32.2 | —30.2 | —33.2 | —32.8 | —32.9 | —32.3 | —31.62 | —28.3 | —33.8 | 5.5 |
| 12 | —33.6 | —33.9 | —34.6 | —35.0 | —35.4 | —35.4 | —35.8 | —35.8 | —36.2 | —36.1 | —34.51 | —32.3 | —36.2 | 3.9 |
| 13 | —32.9 | —32.5 | —32.2 | —31.9 | —30.8 | —30.3 | —29.8 | —29.5 | —28.2 | —26.8 | —33.34 | —26.8 | —36.9 | 10.1 |
| 14 | —20.3 | —20.8 | —21.2 | —21.2 | —21.0 | —20.8 | —21.0 | —20.5 | —19.8 | —20.2 | **—21.91** | **—19.8** | —25.8 | 6.0 |
| 15 | —24.6 | —24.6 | —25.1 | —26.3 | —28.3 | —29.1 | —29.7 | —29.6 | —30.8 | —31.3 | —24.88 | —20.0 | —31.3 | 11.3 |
| 16 | —29.8 | —30.2 | —30.8 | —30.8 | —31.4 | —31.8 | —31.8 | —32.3 | —32.7 | —33.1 | —31.59 | —29.8 | —33.1 | 3.3 |
| 17 | —30.1 | —30.3 | —30.4 | —31.3 | —31.4 | —31.7 | —31.7 | —31.9 | —32.3 | —32.3 | —32.14 | —30.1 | —34.4 | 4.3 |
| 18 | —29.2 | —29.4 | —30.0 | —30.8 | —31.3 | —31.6 | —31.7 | —32.2 | —32.3 | —31.9 | —31.25 | —29.0 | —32.8 | 3.8 |
| 19 | —28.6 | —29.3 | —29.9 | —30.7 | —31.3 | —32.2 | —32.6 | —32.9 | —33.4 | —33.7 | —31.00 | —28.0 | —33.7 | 5.7 |
| 20 | —31.8 | —32.3 | —32.7 | —33.3 | —34.0 | —34.4 | —36.6 | —34.4 | —34.7 | —34.8 | —34.01 | —31.8 | —36.6 | 4.8 |
| 21 | —32.0 | —32.3 | —32.8 | —33.4 | —33.9 | —34.7 | —34.8 | —35.2 | —35.3 | —35.4 | —34.18 | —31.9 | —36.0 | 4.1 |
| 22 | —28.8 | —28.4 | —28.3 | —28.8 | —28.8 | —28.7 | —28.8 | —29.5 | —29.8 | —30.0 | —30.06 | —27.9 | —34.8 | 6.9 |
| 23 | —31.3 | —31.4 | —31.8 | —32.0 | —32.6 | —33.0 | —33.3 | —33.3 | —33.7 | —33.8 | —31.79 | —30.3 | —33.8 | 3.5 |
| 24 | —27.4 | —28.2 | —27.8 | —27.9 | —28.2 | —28.3 | —28.3 | —27.7 | —27.8 | —28.2 | —29.70 | —26.3 | —33.9 | 7.6 |
| 25 | —30.9 | —31.3 | —32.1 | —32.4 | —33.3 | —33.8 | —34.3 | —34.7 | —34.8 | —35.3 | —32.24 | —29.6 | —35.3 | 5.7 |
| 26 | —33.2 | —33.5 | —34.0 | —34.8 | —35.4 | —36.1 | —36.3 | —36.8 | —37.1 | —37.3 | —35.18 | —33.1 | —37.3 | 4.2 |
| 27 | —31.3 | —31.8 | —32.4 | —33.4 | —34.1 | —34.8 | —35.1 | —35.6 | —35.8 | —36.1 | —34.81 | —31.3 | —37.8 | 6.5 |
| 28 | —31.0 | —31.3 | —32.1 | —32.8 | —33.7 | —34.3 | —34.6 | —34.8 | —34.9 | —35.4 | —33.63 | —30.8 | —36.3 | 5.5 |
| 29 | —30.4 | —30.8 | —31.3 | —31.8 | —32.4 | —32.7 | —32.9 | —33.0 | —33.3 | —33.0 | —32.91 | —30.4 | —35.4 | 5.0 |
| 30 | —25.6 | —25.9 | —26.3 | —26.8 | —27.2 | —27.8 | —28.9 | —29.2 | —28.3 | —29.8 | —29.28 | —25.6 | —33.6 | 8.0 |
| 31 | —22.9 | —23.7 | —24.3 | —25.3 | —25.8 | —26.2 | —26.4 | —26.2 | —25.4 | —25.5 | —25.71 | —22.2 | —30.3 | 8.1 |
| Среднее Mittel | —30.52 | —30.73 | —31.12 | —31.65 | —32.04 | —32.22 | **—32.62** | —32.68 | —32.77 | —32.87 | —32.16 | —29.48 | —34.85 | 5.37 |

## Апрѣль 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —25.8 | —27.3 | —27.3 | —27.3 | —27.6 | —27.8 | —27.8 | —27.1 | —26.3 | —25.8 | —25.5 | —25.3 | —25.1 | —25.2 |
| 2 | —29.2 | —28.8 | —29.0 | —30.4 | —30.4 | —30.3 | —29.6 | —27.8 | —27.8 | —27.8 | —27.3 | —26.9 | —26.8 | —26.2 |
| 3 | —32.5 | —32.1 | —32.5 | —32.8 | —32.3 | —31.8 | —30.4 | —29.8 | —27.4 | —26.2 | —24.8 | —24.8 | —24.8 | —24.7 |
| 4 | —24.1 | —23.8 | —23.5 | —23.4 | —23.4 | —23.3 | —22.5 | —21.2 | —20.3 | —20.8 | —19.3 | —18.1 | —16.9 | —17.8 |
| 5 | —30.3 | —30.8 | —31.8 | —32.2 | —31.7 | —31.4 | —30.8 | —30.4 | —27.9 | —26.0 | —26.0 | —25.4 | —24.9 | —25.4 |
| 6 | —29.7 | —30.6 | —31.0 | —31.0 | —30.8 | —30.8 | —30.2 | —29.4 | —27.7 | —26.4 | —25.9 | —24.9 | —23.8 | —24.4 |
| 7 | —24.8 | —24.3 | —23.8 | —23.0 | —22.5 | —21.8 | —20.7 | —20.6 | —17.6 | —16.8 | —17.2 | —17.2 | —17.4 | —17.9 |
| 8 | —17.0 | —16.2 | —16.1 | —15.4 | —15.0 | —14.7 | —14.6 | —13.8 | —13.6 | —11.8 | —10.6 | —10.1 | —10.4 | —10.4 |
| 9 | —16.5 | —16.7 | —16.8 | —16.9 | —16.7 | —16.6 | —15.4 | —15.4 | —15.4 | —14.4 | —12.4 | —12.6 | —12.0 | —11.6 |
| 10 | —12.2 | —12.8 | —13.0 | —14.0 | —14.7 | —15.3 | —16.4 | —17.1 | —17.0 | —17.1 | —17.4 | —17.8 | —18.2 | —18.3 |
| 11 | —25.6 | —26.4 | —26.8 | —27.0 | —27.3 | —27.2 | —26.4 | —25.0 | —24.8 | —23.8 | —23.6 | —23.0 | —22.8 | —22.6 |
| 12 | —20.9 | —20.9 | —20.8 | —20.6 | —20.1 | —19.7 | —19.0 | —18.8 | —19.0 | —18.6 | —18.0 | —18.4 | —17.8 | —18.0 |
| 13 | —20.8 | —22.3 | —22.6 | —23.4 | —23.4 | —21.3 | —18.8 | —17.2 | —15.0 | —13.8 | —15.3 | —16.3 | —14.2 | —13.9 |
| 14 | —16.8 | —16.7 | —16.8 | —16.6 | —16.4 | —16.0 | —15.2 | —15.0 | —12.8 | —12.6 | —12.8 | —14.6 | —12.4 | —11.8 |
| 15 | —15.0 | —14.6 | —15.2 | —15.2 | —15.3 | —14.7 | —14.0 | —12.8 | —11.8 | —12.6 | —13.2 | —14.6 | —15.4 | —16.0 |
| 16 | —22.8 | —23.4 | —24.0 | —25.6 | —25.1 | —24.1 | —22.7 | —22.1 | —21.6 | —20.6 | —21.2 | —20.5 | —20.3 | —20.4 |
| 17 | —21.4 | —22.8 | —21.2 | —20.2 | —19.6 | —20.0 | —18.1 | —16.7 | —15.3 | —14.4 | —13.6 | —13.1 | —15.1 | —16.2 |
| 18 | —26.6 | —27.2 | —27.2 | —27.4 | —26.8 | —25.5 | —24.1 | —22.8 | —21.6 | —20.4 | —19.6 | —19.4 | —18.7 | —18.2 |
| 19 | —24.5 | —24.8 | —24.8 | —24.5 | —24.8 | —23.3 | —21.8 | —20.5 | —19.6 | —18.8 | —18.3 | —18.2 | —17.9 | —17.8 |
| 20 | —26.2 | —26.4 | —27.6 | —28.3 | —26.6 | —26.0 | —24.1 | —22.8 | —21.8 | —20.0 | —18.6 | —17.6 | —17.1 | —16.0 |
| 21 | —22.4 | —21.8 | —21.6 | —22.6 | —22.6 | —22.1 | —21.0 | —20.0 | —18.7 | —17.2 | —16.8 | —16.1 | —15.8 | —15.9 |
| 22 | —25.3 | —25.5 | —26.0 | —26.3 | —25.8 | —24.8 | —23.7 | —22.7 | —21.4 | —20.5 | —19.4 | —19.2 | —19.2 | —19.2 |
| 23 | —26.6 | —27.4 | —27.8 | —28.0 | —27.4 | —26.4 | —24.9 | —23.5 | —22.0 | —20.8 | —19.8 | —19.0 | —13.1 | —15.1 |
| 24 | —23.2 | —23.8 | —24.0 | —24.3 | —24.3 | —23.9 | —23.0 | —21.8 | —20.6 | —20.2 | —19.4 | —19.0 | —18.5 | —17.4 |
| 25 | —18.6 | —18.6 | —21.6 | —20.7 | —20.4 | —20.4 | —20.7 | —20.3 | —19.4 | —19.2 | —19.4 | —18.6 | —18.5 | —18.6 |
| 26 | —23.9 | —24.3 | —24.6 | —24.8 | —24.3 | —22.6 | —19.4 | —18.5 | —16.4 | —14.7 | —13.2 | —12.5 | —12.3 | —12.4 |
| 27 | —16.6 | —16.8 | —16.6 | —16.4 | —16.3 | —15.8 | —14.6 | —14.2 | —13.4 | —12.6 | —11.8 | —11.8 | —11.2 | —11.0 |
| 28 | —20.2 | —20.2 | —21.9 | —21.2 | —20.2 | —20.4 | —19.0 | —17.3 | —16.6 | —15.7 | —15.2 | —15.4 | —13.5 | —13.6 |
| 29 | —25.3 | —25.9 | —24.1 | —23.8 | —22.0 | —21.6 | —21.6 | —19.9 | —19.9 | —18.6 | —17.7 | —17.1 | —15.8 | —15.2 |
| 30 | —19.2 | —19.2 | —19.2 | —19.0 | —18.5 | —17.1 | —16.2 | —15.1 | —13.9 | —12.9 | —13.9 | —13.6 | —11.4 | —12.1 |
| Среднее Mittel | —22.80 | —23.08 | —23.31 | **—23.41** | —23.08 | —22.56 | —21.56 | —20.65 | —19.55 | —18.70 | —18.24 | —18.04 | **—17.38** | —17.44 |

## April 1883.

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —25.1 | —25.6 | —26.3 | —26.9 | —27.6 | —27.3 | —27.8 | —28.3 | —28.8 | —29.1 | —26.83 | —25.1 | —29.1 | 4.0 |
| 2 | —26.3 | —26.9 | —27.4 | —28.2 | —29.8 | —30.5 | —31.3 | —31.8 | —32.1 | —32.3 | **—28.95** | —26.2 | —32.3 | 6.1 |
| 3 | —24.2 | —23.8 | —23.8 | —23.8 | —23.9 | —24.1 | —23.3 | —25.3 | —25.3 | —24.8 | —27.05 | —23.3 | **—32.8** | 9.5 |
| 4 | —17.5 | —19.6 | —21.3 | —23.3 | —24.8 | —25.3 | —27.3 | —27.8 | —28.8 | —29.9 | —22.67 | —16.9 | —29.9 | 13.0 |
| 5 | —25.4 | —25.8 | —26.7 | —27.8 | —28.5 | —30.5 | —29.7 | —30.4 | —29.7 | —30.2 | —28.74 | —24.9 | —32.2 | 7.3 |
| 6 | —24.6 | —24.8 | —25.1 | —25.5 | —26.4 | —27.0 | —27.6 | —27.6 | —26.6 | —25.6 | —27.39 | —23.8 | —31.0 | 7.2 |
| 7 | —18.6 | —19.2 | —19.0 | —19.0 | —18.2 | —18.4 | —18.6 | —18.4 | —18.0 | —17.6 | —19.61 | —16.8 | —24.8 | 8.0 |
| 8 | —10.8 | —11.8 | —13.6 | —14.2 | —14.8 | —15.5 | —15.8 | —15.8 | —16.0 | —16.0 | —13.92 | **—10.1** | —17.0 | 6.9 |
| 9 | —13.0 | —13.6 | —13.8 | —12.4 | —11.0 | —11.5 | —11.4 | —11.3 | —11.8 | —12.1 | **—13.80** | —11.0 | —16.9 | 5.9 |
| 10 | —18.6 | —19.0 | —19.6 | —20.5 | —21.8 | —23.0 | —24.0 | —24.6 | —25.2 | —25.6 | —18.47 | —12.2 | —25.6 | 13.4 |
| 11 | —22.8 | —22.8 | —22.4 | —21.6 | —21.7 | —22.4 | —22.7 | —21.7 | —21.6 | —21.2 | —23.88 | —21.2 | —27.3 | 6.1 |
| 12 | —17.9 | —16.5 | —16.3 | —16.3 | —16.8 | —19.0 | —17.8 | —17.8 | —18.6 | —20.0 | —18.65 | —16.3 | —20.9 | 4.6 |
| 13 | —15.6 | —14.7 | —14.0 | —14.9 | —15.0 | —15.2 | —15.6 | —15.8 | —15.4 | —17.0 | —17.15 | —13.8 | —23.4 | 9.6 |
| 14 | —14.0 | —11.8 | —11.8 | —12.1 | —12.8 | —13.6 | —14.1 | —14.8 | —14.8 | —15.1 | —14.23 | —11.8 | —16.8 | 5.0 |
| 15 | —16.6 | —17.1 | —18.2 | —19.1 | —20.4 | —21.0 | —21.5 | —22.1 | —22.6 | —22.6 | —16.73 | —11.8 | —22.6 | 10.8 |
| 16 | —20.4 | —19.5 | —20.1 | —19.6 | —18.6 | —18.6 | —18.2 | —18.8 | —19.8 | —20.7 | —21.20 | —18.2 | —25.6 | 7.4 |
| 17 | —17.2 | —18.3 | —19.2 | —20.4 | —21.6 | —22.8 | —23.9 | —24.4 | —25.4 | —26.2 | —19.46 | —13.1 | —26.2 | 13.1 |
| 18 | —17.6 | —17.8 | —18.0 | —18.6 | —19.8 | —21.0 | —22.2 | —22.5 | —22.6 | —23.9 | —22.06 | —17.6 | —27.4 | 9.8 |
| 19 | —17.8 | —18.0 | —18.4 | —19.6 | —21.0 | —22.0 | —23.0 | —23.8 | —25.1 | —25.3 | —21.40 | —17.8 | —25.3 | 7.5 |
| 20 | —15.2 | —15.5 | —16.4 | —17.4 | —17.9 | —19.6 | —20.6 | —21.6 | —21.8 | —22.4 | —21.15 | —15.2 | —28.3 | 13.1 |
| 21 | —16.2 | —16.6 | —17.2 | —18.1 | —19.4 | —21.0 | —22.4 | —23.0 | —24.0 | —25.0 | —19.90 | —15.8 | —25.0 | 9.2 |
| 22 | —18.6 | —19.2 | —20.0 | —20.8 | —22.0 | —23.4 | —24.3 | —25.0 | —25.8 | —26.2 | —22.68 | —18.6 | —26.3 | 7.7 |
| 23 | —15.1 | —15.1 | —15.6 | —16.1 | —17.2 | —20.2 | —21.0 | —19.8 | —21.4 | —22.4 | —21.07 | —13.1 | —28.0 | 14.9 |
| 24 | —17.2 | —17.6 | —17.8 | —18.0 | —18.0 | —16.4 | —18.5 | —19.2 | —18.8 | —19.0 | —20.16 | —16.4 | —24.3 | 7.9 |
| 25 | —17.7 | —18.0 | —18.1 | —18.4 | —19.0 | —19.4 | —21.4 | —22.1 | —22.8 | —23.5 | —19.81 | —17.7 | —23.5 | 5.8 |
| 26 | —12.4 | —13.5 | —13.8 | —14.0 | —14.3 | —14.9 | —14.8 | —15.6 | —16.0 | —16.5 | —17.07 | —12.3 | —24.8 | 12.5 |
| 27 | —12.0 | —13.1 | —14.6 | —15.6 | —17.2 | —18.2 | —19.1 | —19.8 | —20.0 | —19.9 | —15.36 | —11.0 | —20.0 | 9.0 |
| 28 | —12.2 | —15.0 | —15.6 | —16.8 | —18.2 | —19.5 | —21.9 | —22.9 | —24.8 | —24.5 | —18.41 | —12.2 | —24.8 | 12.6 |
| 29 | —15.4 | —17.6 | —17.5 | —17.8 | —18.9 | —19.6 | —19.1 | —19.8 | —19.5 | —19.4 | —19.71 | —15.2 | —25.9 | 10.7 |
| 30 | —13.0 | —13.7 | —14.0 | —14.6 | —16.6 | —15.6 | —15.3 | —15.4 | —15.6 | —16.0 | —15.46 | —11.4 | —19.2 | 7.8 |
| Среднее Mittel | —17.63 | —18.05 | —18.52 | —19.05 | —19.77 | —20.55 | —21.14 | —21.57 | —21.96 | —22.33 | —20.43 | —16.36 | —25.24 | 8.88 |

# Температура на поверхности земли.

**Май 1883.**

Среднее мѣстное время.



# Temperatur an der Erdoberfläche.

**Mai 1883.**

Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Поздень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −16.1 | −16.0 | −15.8 | −15.6 | −14.9 | −14.4 | −13.2 | −12.8 | −11.2 | −12.0 | −10.6 | −10.0 | − 9.8 | −10.3 | − 9.2 | − 9.2 | − 8.8 | − 9.8 | −11.4 | −12.7 | −15.2 | −17.0 | −18.2 | −19.1 | −13.05 | − 8.8 | −19.1 | 10.3 |
| 2 | −19.8 | −19.8 | −19.3 | −17.8 | −15.8 | −15.6 | −14.0 | −11.8 | −11.0 | −10.0 | − 9.8 | − 8.2 | − 7.2 | − 6.1 | − 5.3 | − 5.5 | − 6.8 | − 8.6 | − 9.4 | −10.6 | −13.3 | −15.3 | −16.9 | −17.0 | −12.29 | − 5.3 | −19.8 | 14.5 |
| 3 | −15.8 | −15.2 | −14.8 | −14.3 | −13.8 | −13.4 | −12.8 | −11.9 | −10.9 | −10.4 | −11.0 | −12.1 | −10.9 | −11.5 | −11.0 | −11.8 | −12.1 | −13.6 | −15.0 | −16.1 | −17.2 | −18.3 | −19.7 | −20.8 | −15.93 | −10.4 | −20.8 | 10.4 |
| 4 | −21.8 | −20.0 | −19.2 | −18.6 | −18.6 | −19.3 | −18.4 | −17.1 | −16.0 | −14.9 | −13.7 | −13.0 | −12.1 | −11.9 | −12.3 | −13.0 | −13.8 | −15.0 | −15.8 | −15.2 | −14.8 | −15.3 | −15.9 | −18.0 | **−15.99** | −11.9 | **−21.8** | 9.9 |
| 5 | −18.7 | −19.8 | −19.8 | −18.2 | −16.2 | −14.7 | −13.4 | −12.3 | −11.5 | −11.2 | −11.0 | −11.7 | −11.8 | −11.7 | −12.0 | −12.6 | −12.6 | −12.5 | −12.2 | −12.4 | −13.5 | −13.9 | −14.7 | −16.1 | −13.94 | −11.0 | −19.8 | 8.8 |
| 6 | −17.3 | −15.8 | −15.0 | −14.3 | −13.5 | −12.8 | −12.0 | −10.3 | − 9.6 | − 8.6 | − 8.4 | −10.0 | − 8.6 | − 9.6 | − 9.9 | −10.0 | −11.9 | −11.7 | −11.9 | −12.4 | −13.0 | −13.3 | −13.6 | −13.8 | −11.97 | − 8.4 | −17.3 | 8.9 |
| 7 | −14.1 | −14.1 | −14.1 | −14.4 | −15.0 | −14.2 | −13.4 | −12.8 | −11.6 | −10.4 | − 9.8 | −11.2 | −11.2 | −10.4 | −11.5 | −11.1 | − 9.8 | −10.1 | −10.5 | −10.9 | −10.7 | −11.0 | −11.0 | −10.9 | −11.82 | − 9.8 | −15.0 | 5.2 |
| 8 | − 9.6 | − 8.3 | − 7.4 | − 7.1 | − 6.6 | − 5.7 | − 5.8 | − 5.7 | − 5.7 | − 6.3 | − 6.3 | − 6.5 | − 6.1 | − 6.5 | − 7.5 | − 5.9 | − 7.5 | − 8.0 | − 8.6 | − 9.0 | − 9.3 | − 9.8 | −10.7 | −12.4 | − 7.60 | − 5.7 | −12.4 | 6.7 |
| 9 | −12.5 | −13.1 | −13.6 | −14.9 | −11.9 | −11.0 | −10.0 | − 8.1 | − 7.1 | − 6.0 | − 6.8 | − 5.9 | − 5.9 | − 5.0 | − 6.0 | − 7.0 | − 8.6 | − 8.8 | −10.4 | −13.3 | −15.2 | −15.7 | −15.8 | −15.4 | −10.33 | − 5.0 | −15.8 | 10.8 |
| 10 | −15.0 | −15.2 | −14.4 | −14.4 | −14.2 | −15.3 | −15.2 | −13.6 | −14.2 | −14.1 | −13.1 | −13.2 | −12.8 | −13.6 | −13.2 | −13.6 | −14.2 | −14.1 | −13.1 | −13.2 | −12.8 | −13.6 | −17.6 | −18.1 | −15.05 | −12.3 | −19.1 | 6.8 |
| 11 | −17.5 | −17.4 | −17.4 | −17.6 | −19.1 | −16.3 | −15.6 | −14.3 | −13.1 | −13.5 | −13.6 | −14.0 | −13.6 | −13.6 | −13.6 | −14.1 | −14.4 | −14.6 | −15.3 | −15.6 | −16.8 | −16.8 | −16.4 | −15.8 | −15.42 | −13.1 | −19.1 | 6.0 |
| 12 | −16.1 | −16.0 | −16.0 | −16.1 | −15.8 | −15.7 | −15.3 | −14.9 | −14.7 | −13.8 | −12.4 | −12.9 | −11.5 | −11.4 | −11.4 | −11.8 | −12.9 | −12.0 | −12.9 | −12.6 | −12.7 | −12.9 | −13.0 | −13.4 | −13.68 | −11.4 | −16.1 | 4.7 |
| 13 | −13.9 | −13.6 | −13.2 | −12.8 | −12.6 | −13.0 | −13.5 | −13.0 | −12.7 | −12.4 | −12.2 | −12.0 | −10.9 | −11.2 | −11.3 | −11.1 | −11.8 | −11.9 | −12.1 | −12.5 | −12.4 | −12.6 | −12.5 | −12.8 | −12.42 | −10.9 | −13.9 | 3.0 |
| 14 | −13.0 | −13.4 | −13.8 | −13.8 | −13.7 | −13.5 | −13.2 | −13.0 | −12.6 | −12.6 | −11.5 | −10.2 | −10.8 | − 9.8 | − 9.9 | −10.2 | −10.4 | −10.4 | −10.0 | −10.1 | −10.3 | −10.6 | −10.6 | −11.0 | −11.60 | − 9.8 | −13.8 | 4.0 |
| 15 | −11.1 | −11.2 | −11.2 | −11.2 | −11.4 | −11.0 | −10.4 | −10.8 | −10.4 | −10.0 | − 8.9 | − 8.0 | − 7.8 | − 8.4 | − 8.0 | − 7.8 | − 7.7 | − 8.3 | − 7.8 | − 8.1 | − 7.4 | − 7.9 | − 7.0 | − 6.9 | − 9.11 | − 6.9 | −11.4 | 4.5 |
| 16 | − 6.8 | − 6.8 | − 7.0 | − 6.4 | − 6.7 | − 5.7 | − 5.5 | − 5.5 | − 3.8 | − 2.3 | − 1.4 | − 1.1 | − 1.1 | − 1.1 | − 1.5 | − 2.6 | − 3.0 | − 2.3 | − 2.8 | − 3.2 | − 3.5 | − 3.9 | − 4.3 | − 4.8 | − 3.88 | − 1.1 | − 7.0 | 5.9 |
| 17 | − 5.2 | − 5.4 | − 5.5 | − 5.7 | − 5.0 | − 5.0 | − 4.9 | − 4.6 | − 4.0 | − 4.3 | − 4.0 | − 3.0 | − 1.4 | − 1.9 | − 2.4 | − 2.2 | − 2.5 | − 3.1 | − 3.7 | − 4.3 | − 4.7 | − 5.4 | − 6.0 | − 6.5 | − 4.20 | − 1.4 | − 6.5 | 5.1 |
| 18 | − 6.8 | − 7.6 | − 8.1 | − 8.6 | − 8.4 | − 8.3 | − 7.9 | − 7.5 | − 7.2 | − 6.4 | − 6.3 | − 6.6 | − 5.2 | − 4.2 | − 5.9 | − 3.8 | − 3.9 | − 4.5 | − 4.5 | − 4.9 | − 5.4 | − 5.7 | − 5.9 | − 6.1 | − 6.15 | − 3.8 | − 8.6 | 4.8 |
| 19 | − 6.3 | − 6.4 | − 6.2 | − 6.0 | − 5.6 | − 3.7 | − 3.9 | − 4.1 | − 4.2 | − 3.9 | − 3.3 | − 3.3 | − 4.4 | − 4.5 | − 3.7 | − 3.6 | − 3.5 | − 3.5 | − 3.8 | − 3.9 | − 3.7 | − 3.7 | − 4.9 | − 4.3 | − 4.33 | − 3.3 | − 6.4 | 3.1 |
| 20 | − 4.9 | − 5.4 | − 5.8 | − 5.9 | − 5.7 | − 5.4 | − 4.9 | − 5.7 | − 4.3 | − 5.0 | − 4.7 | − 3.1 | − 2.3 | − 3.1 | − 3.1 | − 3.1 | − 4.3 | − 4.5 | − 5.1 | − 6.3 | − 8.0 | − 9.4 | −10.6 | −11.8 | − 5.52 | − 2.3 | −11.8 | 9.5 |
| 21 | −12.4 | −12.8 | −13.0 | −12.7 | −10.9 | −10.1 | − 8.3 | − 5.7 | − 4.3 | − 3.4 | − 3.5 | − 1.7 | − 2.6 | − 2.5 | − 2.9 | − 1.7 | − 0.7 | − 0.3 | − 0.7 | − 2.1 | − 3.4 | − 4.5 | − 5.9 | − 6.8 | − 5.54 | − 0.3 | −13.0 | 12.7 |
| 22 | − 7.4 | − 7.7 | − 7.9 | − 7.4 | − 6.9 | − 6.8 | − 5.6 | − 3.6 | − 3.6 | − 3.9 | − 0.5 | − 1.9 | + 2.7 | − 2.3 | + 0.7 | − 0.2 | − 1.3 | − 0.5 | − 0.7 | − 1.0 | − 1.7 | − 1.6 | − 2.1 | − 1.9 | − 3.10 | + 2.7 | − 7.9 | 10.6 |
| 23 | − 2.3 | − 3.6 | − 4.9 | − 5.0 | − 4.9 | − 4.8 | − 4.6 | − 4.5 | − 4.3 | − 4.2 | − 4.0 | − 2.8 | − 2.7 | − 3.1 | − 3.6 | − 6.4 | − 7.2 | − 8.1 | − 8.6 | − 8.8 | − 9.1 | − 9.5 | − 9.7 | −10.1 | − 5.70 | − 2.3 | −10.1 | 7.8 |
| 24 | −11.2 | −11.9 | −12.2 | −12.3 | −13.1 | −12.6 | −11.3 | − 9.8 | − 8.2 | − 6.8 | − 7.8 | − 9.1 | − 4.4 | − 5.5 | − 2.6 | − 3.4 | − 6.4 | − 7.5 | − 9.4 | −10.4 | −12.2 | −13.4 | −12.6 | −11.6 | − 9.36 | − 2.6 | −13.1 | 10.5 |
| 25 | −11.4 | −11.4 | −10.6 | −10.2 | − 9.7 | − 9.5 | − 7.7 | − 6.3 | − 4.8 | − 3.6 | − 2.5 | − 1.7 | − 0.6 | − 2.7 | + 0.9 | − 1.7 | − 3.3 | − 3.9 | − 7.0 | − 8.5 | − 7.7 | − 7.4 | − 7.4 | − 7.4 | − 6.09 | + 0.9 | −11.4 | 12.3 |
| 26 | − 7.7 | − 7.4 | − 7.2 | − 7.0 | − 6.8 | − 6.4 | − 4.9 | − 4.6 | − 4.0 | − 3.3 | − 2.5 | + 0.1 | − 0.1 | + 1.3 | + 2.0 | + 1.5 | + 0.5 | − 0.4 | − 1.2 | − 2.0 | − 2.8 | − 3.4 | − 3.7 | − 3.8 | − 3.08 | + 2.0 | − 7.7 | 9.7 |
| 27 | − 3.9 | − 3.8 | − 3.7 | − 3.3 | − 2.8 | − 1.9 | − 1.0 | − 0.3 | + 0.9 | + 2.6 | + 3.1 | + 2.9 | + 2.8 | + 2.3 | + 1.5 | + 0.7 | + 1.1 | − 1.4 | − 2.8 | − 2.1 | − 1.7 | − 2.7 | − 2.5 | − 1.7 | − 0.74 | + 3.1 | − 3.9 | 7.0 |
| 28 | − 1.0 | − 1.1 | − 0.7 | − 0.6 | − 0.5 | − 0.8 | − 0.4 | − 0.1 | + 0.1 | + 1.0 | + 2.5 | + 4.3 | + 3.0 | + 2.9 | + 3.6 | + 1.9 | + 1.8 | + 1.7 | + 1.2 | + 1.1 | + 0.4 | + 0.7 | + 0.5 | + 0.5 | + 0.92 | + 4.3 | − 1.1 | 5.4 |
| 29 | + 0.4 | + 0.6 | + 0.6 | + 1.1 | + 1.7 | + 0.4 | + 2.3 | + 2.1 | + 5.0 | + 5.5 | + 5.5 | + 6.1 | + 6.0 | + 8.2 | + 7.4 | + 6.5 | + 4.9 | + 3.8 | + 3.1 | + 2.3 | + 1.5 | + 1.1 | + 0.7 | + 0.1 | **+ 3.20** | **+ 8.2** | + 0.1 | 8.1 |
| 30 | + 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | − 0.3 | 0.0 | 0.0 | 0.0 | + 0.1 | + 0.1 | + 0.2 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | − 1.9 | − 2.0 | − 1.4 | − 0.17 | + 1.3 | − 2.0 | 3.3 |
| 31 | − 1.3 | − 1.3 | − 1.3 | − 0.6 | − 0.4 | − 0.1 | + 0.1 | + 0.4 | + 1.0 | + 1.8 | + 2.6 | + 3.5 | + 3.1 | + 5.2 | + 7.8 | + 7.6 | + 4.9 | + 4.4 | + 3.3 | + 1.9 | + 0.3 | − 0.1 | − 0.3 | − 0.7 | + 1.74 | + 7.8 | − 1.3 | 9.1 |
| Среднее Mittel | −10.34 | **−10.35** | −10.27 | −10.05 | − 9.64 | − 9.25 | − 8.55 | − 7.80 | − 7.03 | − 6.53 | − 5.99 | − 5.68 | − 5.08 | − 5.13 | **− 4.90** | − 5.33 | − 6.01 | − 6.45 | −7.14 | − 7.77 | − 8.49 | − 9.01 | − 9.40 | − 9.65 | − 7.75 | − 4.11 | −11.84 | 7.73 |

**Іюнь 1883.**

**Juni 1883.**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | − 1.1 | − 0.5 | − 0.5 | − 0.5 | − 0.2 | − 0.1 | + 0.3 | + 0.9 | + 2.7 | + 4.6 | + 5.1 | + 6.7 | + 8.2 | + 6.0 | +10.5 | + 6.1 | + 4.6 | + 3.9 | + 1.9 | − 3.2 | − 3.9 | − 5.1 | − 5.5 | − 3.7 | + 1.55 | +10.5 | **− 5.5** | 16.0 |
| 2 | − 3.3 | − 2.7 | − 2.1 | − 2.0 | − 1.2 | − 0.7 | − 0.5 | + 1.1 | + 2.1 | + 3.9 | + 7.9 | + 9.7 | + 8.8 | + 8.8 | + 7.2 | + 5.3 | + 4.3 | + 5.5 | + 1.1 | + 0.9 | + 0.6 | − 0.7 | − 0.7 | − 0.7 | + 2.19 | + 9.7 | − 3.3 | 13.0 |
| 3 | − 0.7 | − 1.5 | − 1.9 | − 1.1 | − 0.6 | − 0.5 | − 0.3 | + 1.3 | + 0.3 | + 2.7 | + 3.9 | + 5.7 | + 5.1 | + 5.8 | + 2.7 | + 3.8 | + 4.7 | + 5.5 | + 3.3 | + 1.7 | + 1.0 | + 0.7 | − 0.1 | − 0.4 | + 1.63 | + 5.7 | − 1.9 | 7.6 |
| 4 | − 0.1 | + 0.1 | + 0.1 | + 0.9 | + 0.1 | + 0.1 | + 0.3 | + 0.3 | + 0.3 | + 1.9 | + 3.3 | + 4.1 | + 3.7 | + 3.8 | + 2.4 | + 0.1 | + 0.1 | − 0.1 | 0.0 | + 0.1 | − 0.2 | − 0.1 | − 0.1 | − 0.1 | + 0.87 | + 4.1 | − 0.2 | 4.3 |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | − 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | + 0.1 | + 1.3 | + 1.7 | + 3.6 | + 4.4 | + 3.7 | + 3.4 | + 2.9 | + 1.8 | + 0.7 | − 1.2 | − 1.5 | − 2.0 | − 1.3 | − 2.1 | + 0.64 | + 4.4 | − 2.0 | 6.4 |
| 6 | − 1.7 | − 1.5 | − 1.3 | − 1.1 | − 0.9 | − 0.5 | + 0.3 | + 1.0 | + 2.6 | + 3.3 | + 3.9 | + 4.7 | + 3.5 | + 3.1 | + 3.5 | + 3.7 | + 2.7 | + 1.1 | + 0.5 | − 0.5 | − 0.9 | − 1.8 | − 1.7 | − 1.9 | + 0.84 | + 4.7 | − 1.9 | 6.6 |
| 7 | − 1.9 | − 2.1 | − 3.5 | − 2.5 | − 2.4 | − 0.9 | − 0.5 | − 0.4 | 0.0 | 0.0 | + 0.1 | + 1.1 | + 0.3 | + 0.3 | + 0.5 | + 0.2 | − 0.1 | − 0.1 | − 0.1 | − 0.5 | − 0.5 | − 0.7 | − 0.7 | − 0.9 | **+ 0.64** | + 1.1 | − 3.5 | 4.6 |
| 8 | − 0.9 | − 1.0 | − 0.7 | − 0.6 | − 0.3 | − 0.3 | − 0.4 | − 0.2 | − 0.2 | − 0.2 | 0.0 | + 0.7 | + 0.7 | + 0.7 | + 0.5 | + 0.2 | + 0.1 | + 0.6 | − 0.3 | − 0.3 | − 0.4 | − 0.5 | − 0.5 | − 0.4 | − 0.15 | + 0.7 | − 1.0 | 1.7 |
| 9 | − 1.1 | − 1.7 | − 1.3 | − 1.0 | − 0.5 | − 0.3 | − 1.5 | − 1.1 | − 0.1 | − 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.5 | + 1.0 | + 1.0 | + 0.7 | 0.0 | − 0.4 | − 0.9 | − 1.2 | − 1.3 | − 1.5 | − 1.3 | − 0.49 | + 1.0 | − 1.7 | 2.7 |
| 10 | − 1.4 | − 1.4 | − 1.5 | − 0.3 | − 0.2 | − 0.2 | − 0.1 | + 0.1 | + 0.4 | + 0.6 | + 1.5 | + 1.8 | + 1.6 | + 1.1 | + 1.7 | + 3.3 | + 3.4 | + 4.1 | + 1.5 | + 0.7 | + 0.5 | + 0.1 | + 0.2 | + 0.1 | + 0.73 | + 4.1 | − 1.5 | 5.6 |
| 11 | + 0.1 | 0.0 | + 0.1 | + 0.3 | + 1.0 | + 0.1 | − 0.1 | + 1.4 | + 1.4 | + 3.8 | + 5.1 | + 4.8 | + 5.2 | + 4.1 | + 4.3 | + 3.1 | + 2.8 | + 2.1 | + 0.1 | + 0.1 | − 0.1 | − 0.5 | − 0.6 | − 0.7 | + 1.58 | + 5.2 | − 0.7 | 5.9 |
| 12 | − 0.6 | − 0.2 | − 0.6 | − 0.2 | − 0.2 | + 0.1 | + 1.6 | + 2.1 | + 3.5 | + 3.6 | + 0.9 | + 1.3 | + 3.6 | + 4.3 | + 3.1 | + 7.6 | + 4.9 | + 4.0 | + 2.9 | + 1.9 | + 1.5 | + 0.6 | − 0.4 | − 0.3 | + 2.08 | + 8.1 | − 0.6 | 8.7 |
| 13 | − 0.6 | − 0.5 | − 0.9 | − 1.0 | − 1.3 | − 1.1 | − 0.8 | − 0.4 | + 1.3 | + 2.1 | + 2.7 | + 3.3 | + 3.1 | + 2.5 | + 2.2 | + 3.3 | + 1.9 | + 2.9 | + 2.1 | + 1.6 | + 0.9 | + 0.7 | + 0.5 | + 0.3 | + 1.04 | + 3.3 | − 1.3 | 4.6 |
| 14 | + 0.3 | + 0.1 | + 0.1 | 0.0 | + 0.1 | + 0.3 | + 0.5 | + 0.7 | + 1.2 | + 4.6 | + 7.8 | + 8.7 | +12.4 | +15.6 | +14.0 | +12.4 | + 9.0 | + 4.9 | + 1.7 | + 1.3 | + 0.6 | − 0.2 | + 0.2 | + 0.1 | + 3.93 | +14.0 | − 0.2 | 14.2 |
| 15 | 0.0 | + 0.1 | + 0.5 | + 0.9 | + 1.1 | + 1.2 | + 1.7 | + 1.7 | + 2.2 | + 2.1 | + 2.2 | + 2.7 | + 3.6 | + 4.4 | + 4.9 | + 4.3 | + 2.5 | + 1.6 | + 0.8 | + 0.5 | − 0.1 | − 1.0 | − 0.8 | − 0.9 | + 1.51 | + 4.9 | − 1.0 | 5.9 |
| 16 | − 1.0 | − 1.1 | − 0.8 | − 0.9 | − 0.5 | 0.0 | − 0.3 | + 0.2 | + 2.4 | + 3.5 | + 4.7 | + 3.7 | + 2.9 | + 2.7 | + 2.7 | + 2.8 | + 2.5 | + 1.9 | + 1.5 | + 0.9 | + 0.4 | + 0.2 | + 0.1 | 0.0 | + 1.19 | + 4.7 | − 1.1 | 5.8 |
| 17 | + 0.1 | + 0.2 | + 0.3 | + 0.5 | + 0.7 | + 0.8 | + 1.5 | + 2.9 | + 2.3 | + 2.8 | + 4.1 | + 5.1 | + 4.9 | + 5.1 | + 5.7 | + 4.8 | + 4.1 | + 3.4 | + 3.1 | + 2.7 | + 2.3 | + 1.9 | + 1.6 | + 1.3 | + 2.59 | + 5.7 | + 0.1 | 5.6 |
| 18 | + 1.3 | + 1.3 | + 1.4 | + 1.1 | + 2.3 | + 3.5 | + 3.7 | + 2.6 | + 3.4 | + 5.7 | + 6.7 | + 6.6 | + 6.2 | + 6.3 | + 6.6 | + 6.9 | + 5.9 | + 5.3 | + 5.1 | + 4.3 | + 3.5 | + 2.1 | + 1.2 | + 0.8 | + 3.89 | + 6.9 | + 0.8 | 6.1 |
| 19 | + 0.7 | + 0.6 | − 0.1 | − 0.1 | + 1.3 | + 1.4 | + 1.9 | + 3.3 | + 4.6 | + 5.1 | + 9.2 | + 9.2 | + 8.2 | + 8.6 | + 7.4 | + 5.3 | + 4.2 | + 2.9 | + 1.7 | + 1.1 | + 0.5 | + 0.1 | − 0.3 | − 0.4 | + 3.18 | + 9.2 | − 0.4 | 9.6 |
| 20 | − 0.6 | − 0.6 | − 0.6 | − 0.1 | − 0.1 | 0.0 | + 2.1 | + 3.3 | + 5.2 | + 6.3 | + 6.7 | + 6.1 | + 6.3 | + 6.5 | + 5.5 | + 5.3 | + 4.4 | + 3.5 | + 2.8 | + 2.1 | + 1.2 | + 0.6 | + 0.3 | + 0.3 | + 2.77 | + 6.7 | − 0.6 | 7.3 |
| 21 | + 0.1 | − 0.1 | + 0.2 | + 0.5 | + 1.1 | + 1.5 | + 1.6 | + 3.2 | + 4.8 | + 5.5 | + 5.9 | + 6.1 | + 6.1 | + 5.8 | + 5.3 | + 4.6 | + 4.4 | + 3.6 | + 2.9 | + 2.7 | + 1.7 | + 1.1 | + 0.5 | + 0.2 | + 2.89 | + 6.1 | − 0.1 | 6.2 |
| 22 | 0.0 | − 0.1 | − 0.1 | − 0.1 | + 0.2 | + 0.5 | + 0.9 | + 3.7 | + 3.8 | + 4.5 | + 5.1 | + 5.1 | + 4.5 | + 4.7 | + 4.1 | + 4.1 | + 4.0 | + 3.9 | + 3.3 | + 2.7 | + 2.3 | + 1.9 | + 1.5 | + 1.3 | + 2.58 | + 5.1 | − 0.1 | 5.2 |
| 23 | + 1.3 | + 0.9 | + 0.9 | + 1.5 | + 1.9 | + 2.4 | + 3.1 | + 4.1 | + 4.6 | + 4.4 | + 4.5 | + 4.8 | + 4.1 | + 4.1 | + 4.2 | + 3.1 | + 3.1 | + 2.7 | + 2.7 | + 2.5 | + 2.3 | + 2.4 | + 2.3 | + 2.5 | + 2.93 | + 4.8 | + 0.9 | 3.9 |
| 24 | + 2.4 | + 2.7 | + 3.1 | + 3.6 | + 3.7 | + 4.1 | + 4.1 | + 3.3 | + 3.7 | + 5.5 | +10.9 | +13.7 | +11.7 | + 9.5 | +11.2 | +13.4 | +12.4 | + 9.9 | + 9.8 | + 8.7 | + 7.6 | + 6.1 | + 4.8 | + 4.4 | + 7.10 | +13.7 | + 2.4 | 11.3 |
| 25 | + 4.1 | + 3.9 | + 4.1 | + 4.1 | + 4.6 | + 5.5 | + 7.2 | + 7.9 | +10.1 | +10.5 | +10.6 | +12.0 | +12.2 | +12.3 | +11.5 | +12.1 | + 7.1 | +10.5 | + 7.8 | + 7.2 | + 6.0 | + 5.3 | + 4.9 | + 4.3 | + 7.74 | +12.3 | + 3.9 | 8.4 |
| 26 | + 4.0 | + 3.9 | + 4.0 | + 4.0 | + 4.2 | + 4.1 | + 6.2 | + 6.5 | + 6.6 | + 6.9 | + 7.4 | + 6.7 | +10.6 | + 9.0 | + 7.4 | + 7.4 | + 6.1 | + 5.9 | + 5.4 | + 5.1 | + 5.0 | + 5.3 | + 5.3 | + 5.2 | + 5.93 | +10.6 | + 3.9 | 6.7 |
| 27 | + 5.0 | + 4.9 | + 5.1 | + 4.1 | + 7.1 | + 9.0 | +11.0 | +12.0 | +10.6 | +12.5 | +11.5 | +11.4 | +11.0 | +12.4 | +13.5 | +11.6 | +11.8 | +11.0 | + 8.0 | + 7.3 | + 6.2 | + 6.2 | + 6.1 | + 5.5 | + 8.91 | +12.5 | + 4.1 | 8.4 |
| 28 | + 4.9 | + 4.5 | + 5.2 | + 7.5 | + 7.6 | + 9.0 | + 9.4 | + 8.3 | +11.2 | +11.7 | +13.3 | +10.4 | +11.4 | +12.5 | +15.9 | +12.9 | +13.8 | +14.3 | +11.0 | + 8.6 | + 7.5 | + 7.6 | + 6.3 | + 5.2 | **+ 9.50** | **+14.3** | + 4.5 | 9.8 |
| 29 | + 5.5 | + 5.6 | + 5.7 | + 6.1 | + 6.5 | + 8.6 | +10.6 | +10.9 | +11.8 | +12.3 | +12.3 | +11.5 | +11.7 | +12.0 | +10.0 | +10.5 | + 9.8 | + 8.0 | + 6.1 | + 5.5 | + 4.9 | + 4.1 | + 3.7 | + 5.6 | + 8.22 | +12.3 | + 3.6 | 8.7 |
| 30 | + 3.6 | + 3.6 | + 3.5 | + 3.3 | + 3.3 | + 2.5 | + 3.7 | + 4.0 | + 3.8 | + 3.8 | + 3.9 | + 3.8 | + 3.9 | + 4.4 | + 4.7 | + 5.0 | + 5.0 | + 5.9 | + 5.9 | + 5.6 | + 5.1 | + 4.5 | + 4.2 | + 3.8 | + 4.20 | + 5.9 | + 2.5 | 3.4 |
| Среднее Mittel | + 0.61 | + **0.59** | + 0.62 | + 0.90 | + 1.28 | + 1.67 | + 2.24 | + 2.82 | + 3.55 | + 4.47 | + 5.42 | + 5.78 | + 5.97 | + 5.95 | + **6.00** | + 5.59 | + 4.77 | + 4.37 | + 3.10 | + 2.30 | + 1.73 | + 1.25 | + 0.98 | + 0.84 | + 3.03 | + 7.08 | − 0.06 | 7.14 |

# Температура на поверхности земли.

## Июль 1883.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 3.4 | + 3.0 | + 2.9 | + 2.7 | + 2.9 | + 3.6 | + 4.2 | + 4.3 | + 3.7 | + 4.0 | + 4.9 | + 6.1 | + 4.7 | + 5.0 | + 5.3 | + 4.1 | + 3.9 | + 3.8 | + 3.9 | + 3.5 | + 3.1 | + 3.1 | + 2.9 | + 2.6 | + 3.82 | + 6.1 | + 2.6 | 3.5 |
| 2 | + 2.6 | + 2.7 | + 2.6 | + 2.9 | + 3.0 | + 3.1 | + 4.5 | + 8.6 | + 9.2 | +11.3 | +11.3 | +12.2 | +12.0 | +11.1 | +12.3 | +11.1 | +10.5 | + 9.8 | + 7.0 | + 6.1 | + 5.6 | + 4.9 | + 4.4 | + 4.1 | + 7.20 | +12.2 | + 2.6 | 9.6 |
| 3 | + 3.7 | + 3.6 | + 3.6 | + 4.5 | + 5.8 | + 7.6 | + 8.3 | + 9.1 | +10.5 | +10.8 | +11.6 | +11.6 | +11.3 | +11.2 | +10.7 | +10.4 | +10.6 | + 9.2 | + 8.2 | + 7.3 | + 6.4 | + 5.7 | + 5.1 | + 4.8 | + 7.98 | +11.6 | + 3.6 | 8.0 |
| 4 | + 4.4 | + 4.1 | + 4.0 | + 4.0 | + 4.1 | + 4.6 | + 5.3 | + 5.9 | + 6.5 | + 7.2 | + 8.9 | +10.2 | +10.4 | +11.0 | +11.1 | +10.4 | +10.0 | + 8.5 | + 7.4 | + 5.1 | + 5.5 | + 4.8 | + 4.1 | + 3.5 | + 6.71 | +11.1 | + 3.5 | 7.6 |
| 5 | + 2.9 | + 1.9 | + 1.9 | + 2.3 | + 3.1 | + 5.7 | + 2.3 | + 8.2 | + 8.8 | +10.4 | +10 9 | +10.4 | +10.4 | +10.3 | + 9.4 | + 8.4 | + 7.4 | + 5.9 | + 4.9 | + 3.9 | + 3.3 | + 2.9 | + 2 5 | + 2.3 | + 5.85 | +10.9 | + 1.9 | 9.0 |
| 6 | + 2.4 | + 2.2 | + 2.1 | + 2.3 | + 3.3 | + 4.5 | + 5.9 | + 7.2 | +10.1 | +11.8 | +12.8 | +13.0 | +12.7 | +13.0 | +12.8 | +11.8 | +11.0 | +10.4 | + 7.4 | + 5.9 | + 4.9 | + 4.1 | + 3.5 | + 3.1 | + 7.43 | +13.0 | + 2.1 | 10.9 |
| 7 | + 2.9 | + 3.2 | + 4.3 | + 5.0 | + 6.7 | + 8.3 | + 9.6 | +10.6 | +10.8 | +12.3 | +12.6 | +13.0 | +12.6 | +13.0 | +12.9 | +12.0 | +10.9 | +10.2 | + 7.8 | + 6.7 | + 6.0 | + 5.4 | + 4.9 | + 4.5 | + 8.59 | +13.0 | + 2.9 | 10.1 |
| 8 | + 4.4 | + 4.7 | + 5.8 | + 7.2 | + 7.8 | + 9.4 | +10.4 | +11.4 | +11.2 | +13.2 | +13.7 | +14.0 | +13.3 | +13.7 | +13.3 | +10.8 | +11.4 | +10.4 | + 9.6 | + 9.8 | + 8.4 | + 8.0 | + 7.2 | + 7.0 | + 9.84 | +14.0 | + 4.4 | 9.6 |
| 9 | + 6.4 | + 6.1 | + 5.9 | + 5.9 | + 6.3 | + 6.4 | + 7.0 | + 7.4 | + 7.2 | + 8.6 | + 8.3 | + 8.6 | +10.7 | +10 3 | +10.3 | +10.6 | +10.6 | +10.0 | + 9.6 | + 8.5 | + 7.7 | + 7.2 | + 7.2 | + 7.7 | + 8.10 | +10.7 | + 5.9 | 4.8 |
| 10 | + 7.4 | + 7.2 | + 7.2 | + 9.2 | + 9.4 | +11.0 | +12.4 | +13.3 | +13.3 | +13.4 | +10.8 | +10.2 | +10.2 | + 9.8 | +10.3 | +10.3 | +11.0 | + 8.8 | + 7.6 | + 7.0 | + 4.8 | + 4.8 | + 3.9 | + 3.8 | + 9.05 | +13.4 | + 3.8 | 9.6 |
| 11 | + 4.1 | + 4.1 | + 4.5 | + 5.4 | + 6.3 | + 7.4 | + 7.6 | + 8.7 | + 9.5 | +10.7 | +11.5 | +11.0 | +12.0 | +12.1 | +10.6 | +10.7 | + 9.8 | + 9.1 | + 9.1 | + 8.6 | + 7.2 | + 6.4 | + 5.9 | + 5.3 | + 8.23 | +12.1 | + 4.1 | 8.0 |
| 12 | + 4.7 | + 4.7 | + 4.3 | + 4.3 | + 4.8 | + 5.3 | + 6.1 | + 6.3 | + 6.6 | + 7.3 | + 7.4 | + 9.6 | + 8.8 | + 7.8 | + 7.2 | + 7.2 | + 6.1 | + 5.9 | + 6.0 | + 5.3 | + 4.9 | + 4.1 | + 3.7 | + 3.4 | + 5.91 | + 9.6 | + 3.4 | 6.2 |
| 13 | + 3.6 | + 3.9 | + 4.2 | + 4.4 | + 5.0 | + 5.1 | + 6.0 | + 7.1 | + 7.0 | + 7.2 | + 6.5 | + 7.4 | + 7.8 | + 7.0 | + 6.6 | + 6.1 | + 5.7 | + 5.0 | + 4.3 | + 3.9 | + 3.6 | + 3.5 | + 3.5 | + 3.3 | + 5.33 | + 7.8 | + 3.5 | 4.3 |
| 14 | + 3.3 | + 3.1 | + 3.0 | + 3.7 | + 3.1 | + 3.1 | + 4.1 | + 4.5 | + 4.0 | + 4.3 | + 4.5 | + 5.9 | + 7.8 | + 6.7 | + 6.0 | + 4.9 | + 4.2 | + 4.4 | + 4.2 | + 4.1 | + 3.6 | + 3.3 | + 3.1 | + 3.1 | + 4.25 | + 7.8 | + 3.0 | 4.8 |
| 15 | + 3.0 | + 2 9 | + 3.0 | + 3.1 | + 3.1 | + 3.5 | + 4.0 | + 5.0 | + 5.9 | + 6.7 | + 7.4 | + 7.8 | + 7.4 | + 6.8 | + 6.2 | + 5.5 | + 5.2 | + 4.6 | + 4.0 | + 3.5 | + 3.1 | + 2.9 | + 2.8 | + 2.9 | + 4.60 | + 7.8 | + 2.8 | 5.0 |
| 16 | + 2.9 | + 2.8 | — 2 6 | + 3.1 | + 3.7 | + 3.7 | + 5.5 | + 4.6 | + 3.1 | + 6.7 | + 8.2 | + 8.5 | + 8.9 | + 9.1 | + 9.2 | + 8.4 | + 8.2 | + 7.4 | + 5.4 | + 5.5 | + 4.5 | + 4.1 | + 3.5 | + 3.2 | + 5.45 | + 9.2 | + 2.6 | 6.6 |
| 17 | + 2.5 | + 2.5 | + 2.8 | + 2.9 | + 3.9 | + 5.1 | + 7.0 | + 8.8 | +11.2 | +15.1 | +16.9 | +17.3 | +17.5 | +18.4 | +17.9 | +17.2 | +16.2 | +13.4 | +10.8 | + 8.5 | + 7.4 | + 6.2 | + 5.3 | + 4.6 | + 9.98 | +18.4 | + 2.5 | 15.9 |
| 18 | + 4.3 | + 4.5 | + 5.5 | + 5.7 | + 6.4 | + 7.0 | + 7.4 | + 8.1 | +10.1 | +10.6 | +10.2 | +12.4 | +13.0 | +13.2 | +13.2 | +12.2 | +11.6 | +10.7 | + 8.6 | + 7.2 | + 6.5 | + 6.2 | + 5.7 | + 5.1 | + 8.56 | +13.2 | + 4.3 | 8.9 |
| 19 | + 4.7 | + 4.7 | + 4.7 | + 4.8 | + 5.5 | + 6.4 | + 8.5 | + 9.8 | +13.0 | +15.0 | +15.9 | +15.5 | +15.7 | +16.2 | +15.3 | +13.8 | +13.6 | + 9.8 | + 7.9 | + 6.3 | + 5.2 | + 4.5 | + 3.9 | + 3.7 | + 9.31 | +16.2 | + 3.7 | 12.5 |
| 20 | + 3.7 | + 4.1 | + 5.0 | + 5.6 | + 7.9 | + 9.4 | +11.5 | +13.0 | +14.2 | +15.7 | +16.5 | +16.3 | +16.6 | +16.7 | +15.9 | +14.2 | +13.0 | + 9.2 | + 7.9 | + 6.5 | + 6.1 | + 5.6 | + 4.9 | + 4.3 | +10.16 | +16.7 | + 3.7 | 13.0 |
| 21 | + 3.9 | + 3.9 | + 4.7 | + 5.3 | + 6.6 | + 7.8 | + 8.4 | +10.4 | +12.0 | +13.6 | +13.8 | +13.7 | +13.4 | +12.6 | +14.2 | +12.2 | +11.7 | +10.2 | + 8.1 | + 7.0 | + 6.5 | + 5.9 | + 5.1 | + 4.6 | + 8.98 | +14.2 | + 3.9 | 10.3 |
| 22 | + 4.4 | + 4.4 | + 5.3 | + 5.4 | + 6.7 | + 7.1 | + 7.4 | + 8.0 | + 7.9 | + 9.5 | +10.1 | +12.6 | +13.2 | +13.8 | +13.8 | +13.2 | +12.2 | + 9.2 | + 8.5 | + 7.1 | + 6.2 | + 5.4 | + 4.7 | + 4.2 | + 8.35 | +13.8 | + 4.2 | 9.6 |
| 23 | + 3.9 | + 3.8 | + 4.5 | + 5.3 | + 7.0 | + 7.8 | + 9.3 | +10.4 | +12.5 | +15.3 | +16.1 | +12.7 | +13.7 | +14.4 | +14.7 | +13.5 | +12.5 | + 9.7 | + 8.0 | + 7.3 | + 6.1 | + 5.3 | + 4.8 | + 9.46 | +15.3 | + 3.8 | 11.5 |
| 24 | + 4.3 | + 4.3 | + 5.3 | + 6.5 | + 8.3 | +10.8 | +12.8 | +14.1 | +15.6 | +17.1 | +18.0 | +14.0 | +17.3 | +17.5 | +17.5 | +16.7 | +15.7 | +12.1 | +11.2 | + 9.8 | + 8.8 | + 7.8 | + 7.0 | + 9.1 | +18.0 | + 4.3 | 13.7 |
| 25 | + 5.6 | + 5.4 | + 5.5 | + 5.4 | + 5.3 | + 5.5 | + 5.2 | + 7.1 | + 8.4 | + 9.7 | +10.8 | +11.2 | +12.2 | + 9.4 | + 9.6 | + 8.2 | + 5.5 | + 5.3 | + 3.9 | + 3.7 | + 3.1 | + 2.2 | + 1.7 | + 1.4 | + 6.90 | +12.2 | + 1.4 | 10.8 |
| 26 | + 1.7 | + 2.0 | + 2.8 | + 3.8 | + 4.7 | + 6.7 | + 7.3 | + 8.0 | + 7.6 | + 8.6 | + 8.2 | + 8.0 | + 7.4 | + 7.2 | + 7.5 | + 7.5 | + 7.3 | + 6.4 | + 4.6 | + 2.9 | + 2.5 | + 2.6 | + 2.5 | + 2.5 | + 5.48 | + 8.6 | + 1.7 | 6.9 |
| 27 | + 2.1 | + 1.9 | + 1.6 | + 1.7 | + 1.9 | + 3.9 | + 3.6 | + 4.4 | + 5.4 | + 6.0 | + 6.6 | + 6.2 | + 5.4 | + 5.6 | + 5.9 | + 5.9 | + 5.1 | + 4.9 | + 4.9 | + 3.5 | + 2.7 | + 2.3 | + 2.0 | + 1.9 | + 3.98 | + 6.6 | + 1.6 | 5.0 |
| 28 | + 2.1 | + 1.9 | + 2.0 | + 2.4 | + 2.5 | + 3.1 | + 3.6 | + 3.9 | + 5.3 | + 5.9 | + 6.2 | + 8.2 | + 8.4 | + 8.2 | + 8.6 | + 6.7 | + 5.5 | + 4.9 | + 4.2 | + 3.4 | + 3.1 | + 2.9 | + 2.6 | + 1.9 | + 4.49 | + 8.6 | + 1.9 | 6.7 |
| 29 | + 1.8 | + 1.7 | + 1.7 | + 1.9 | + 2.9 | + 3.1 | + 4.4 | + 3.8 | + 3.9 | + 4.7 | + 5.9 | + 7.2 | + 7.3 | + 7.7 | + 6.3 | + 6.2 | + 5.6 | + 5.7 | + 4.4 | + 2.8 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 4.05 | + 7.7 | + 1.7 | 6.0 |
| 30 | + 1.9 | + 1.9 | + 2.1 | + 2.5 | + 3.1 | + 4.7 | + 4.3 | + 4.1 | + 4.4 | + 4.4 | + 6.7 | + 6.8 | + 6.6 | + 6.2 | + 5.9 | + 6.1 | + 6.3 | + 5.8 | + 4.7 | + 3.7 | + 2.8 | + 1.9 | + 0.5 | + 0.3 | + 4.05 | + 6.8 | + 0.3 | 6.5 |
| 31 | + 0.9 | — 0.2 | + 0.8 | + 2.1 | + 3.3 | + 5.5 | + 8.0 | + 5.8 | + 6.1 | + 6.4 | + 5.5 | + 5.9 | + 3.5 | + 5.8 | + 3.3 | + 3.6 | + 3.1 | + 3.1 | + 2.0 | + 1.7 | + 1.5 | + 1.3 | + 1.5 | + 1.4 | + **3.33** | + 8.0 | — **0.2** | 8.2 |
| Среднее Mittel | + 3.55 | + **3.45** | + 3.75 | + 4.24 | + 5.00 | + 6.01 | + 6.76 | + 7.81 | + 8.55 | + 9.79 | +10.28 | +10.56 | +**10.72** | +10.61 | +10.45 | + 9.67 | + 9.05 | + 7.85 | + 6.68 | + 5.70 | + 4.97 | + 4.46 | + 3.97 | + 3.67 | + 6.98 | +11.44 | + 2.95 | 8.49 |



# Temperatur an der Erdoberfläche.

## Juli 1883.

Mittlere Ortszeit.

## Август 1883.

## August 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 1.4 | + 1.4 | + 1.5 | + 1.7 | + 2.1 | + 2.5 | + 3.2 | + 3.9 | + 4.7 | + 4.4 | + 5.7 | + 6.6 | + 6.5 | + 6.2 | + 5.6 | + 5.6 | + 4.8 | + 3.5 | + 3.2 | + 1.9 | + 0.8 | + 0.1 | 0.0 | + 0.1 | + 3 28 | + 6.6 | 0.0 | 6.6 |
| 2 | + 0.2 | + 0.2 | + 0.2 | + 0.4 | + 1.0 | + 2.6 | + 3.6 | + 4.0 | + 4.4 | + 6.4 | + 7.4 | + 7.8 | + 6.0 | + 8.7 | + 6.9 | + 7.1 | + 6.1 | + 5.0 | + 4.5 | + 3.4 | + 2.2 | + 2.0 | + 1.8 | + 1.5 | + 3.88 | + 8.7 | + 0.2 | 8.5 |
| 3 | + 0.6 | + 0.2 | + 0.1 | + 0.2 | + 1.0 | + 2.0 | + 2.8 | + 4.1 | + 4.9 | + 6.8 | +11.0 | +10.4 | +11.0 | +13.7 | +12.2 | +10.4 | + 8.1 | + 6.1 | + 5.1 | + 3.6 | + 2.7 | + 1.6 | + 0.5 | 0.0 | + 4.96 | +13.7 | 0.0 | 13.7 |
| 4 | — 0.3 | — 0.5 | + 0.3 | + 0.9 | + 1.4 | + 3.0 | + 7.0 | + 9.7 | +11.8 | +13.2 | +14.0 | +15.6 | +15.0 | +15.4 | +14.6 | +13.6 | +12.1 | +10.4 | + 8.3 | + 5.5 | + 5.4 | + 4.4 | + 3.7 | + 3.2 | + 7.74 | +15.4 | — 0.5 | 15.9 |
| 5 | + 3.0 | + 2.3 | + 2.8 | + 3.5 | + 4.6 | + 6.4 | + 8.8 | +10.7 | +12.6 | +14.0 | +15.5 | +15.0 | +14.5 | +15.5 | +14.6 | +13.0 | +11.9 | +10.2 | + 8.2 | + 6.1 | + 4.9 | + 3.9 | + 3.0 | + 2.2 | + 8.64 | +15.6 | + 2.2 | 13.4 |
| 6 | + 1.8 | + 1.6 | + 1.8 | + 2.8 | + 4.6 | + 7.3 | +10.2 | +12.6 | +11.6 | +13.9 | +15.2 | +15.6 | +15.9 | +15.1 | +14.0 | +11.2 | + 8.9 | + 5.6 | + 4.0 | + 2.7 | + 1.9 | + 1.0 | + 1.0 | + 0.1 | + 7.52 | +15.9 | + 0.1 | 15.8 |
| 7 | — 0.1 | — 0.3 | 0.0 | + 1.1 | + 2.7 | + 4.2 | + 4.6 | + 4.6 | + 5.6 | + 7.3 | + 9.0 | +10.8 | +13.8 | +14.6 | +15.9 | +12.2 | +10.4 | + 7.6 | + 5.0 | + 3.6 | + 1.4 | + 0.1 | — 0.9 | — 1.3 | + 5.38 | +14.6 | — 1.3 | 15.9 |
| 8 | + 0.3 | — 2.0 | — 0.6 | + 1.6 | + 1.8 | + 2.9 | + 5.0 | + 6.3 | + 7.0 | + 7.8 | + 9.1 | + 8.4 | + 8 4 | + 8.2 | + 9.1 | + 9.4 | + 7.6 | + 6.7 | + 5.0 | + 3.6 | + 1.9 | + 1.2 | + 0.5 | — 0.5 | + 4.50 | + 9.4 | — 2.0 | 11.4 |
| 9 | — 0.7 | — 0.7 | — 1.0 | — 0.3 | + 0.4 | + 2.4 | + 5.0 | + 6.3 | + 7.0 | + 8.8 | + 9.2 | +11.2 | +11.0 | +10.1 | + 9.4 | + 8.8 | + 8.3 | + 7.1 | + 5.0 | + 4.2 | + 3.3 | + 2.6 | + 2.0 | + 1.8 | + 5.05 | +11.2 | — 1.0 | 12.2 |
| 10 | + 1.2 | + 1.4 | + 1.8 | + 2.5 | + 2.8 | + 3.8 | + 6.1 | + 9.1 | +11.3 | +15.6 | +18.4 | +21.6 | +19.6 | +20.0 | +17.6 | +13.6 | +11.2 | + 8.2 | + 6.2 | + 5.2 | + 3.2 | + 1.8 | + 1.3 | — 0.1 | + 8.48 | +21.6 | — 0.1 | 21.7 |
| 11 | — 0 7 | — 0.7 | — 0.8 | + 0.1 | + 2.4 | + 4.4 | + 8.8 | +10.3 | +14.8 | +18.0 | +18.2 | +20.2 | +18.8 | +18.1 | +15.2 | +12.8 | +10.0 | + 7.3 | + 5.0 | + 3.0 | + 3.2 | + 2.3 | + 1.8 | + 1.8 | + 8.10 | +20.2 | — 0.8 | 21.0 |
| 12 | + 1.6 | + 1.4 | + 1.3 | + 1.6 | + 2.2 | + 3.4 | + 4.7 | + 5.8 | + 6.9 | + 8.5 | +10.6 | +14.4 | +14.4 | +13.7 | +12.2 | +12.0 | +13.0 | + 5.8 | + 5.4 | + 3.6 | + 2.7 | + 3.0 | + 3.1 | + 2.6 | + 6.41 | +14.4 | + 1.3 | 13.1 |
| 13 | + 2.8 | + 1.9 | + 1.0 | + 2.1 | + 3.6 | + 6.2 | + 8.4 | +11.0 | +14.2 | +15.6 | +12.8 | +13.6 | +15.5 | +13.9 | + 9.6 | + 7.6 | + 6.3 | + 6.2 | + 5.6 | + 4.9 | + 4.3 | + 3.4 | + 2.6 | + 2.4 | + 7.23 | +15.6 | + 1.0 | 14.6 |
| 14 | + 2.2 | + 2.1 | + 2.8 | + 3.5 | + 4.7 | + 6.4 | + 8.8 | +11.1 | +13.9 | +16.2 | +17.0 | +18.8 | +17.1 | +20.1 | +18.2 | +17.0 | +15.0 | +12.6 | +10.8 | + 9.0 | + 8.6 | + 7.2 | + 6.0 | + 5.4 | +10.60 | +20.1 | + 2.1 | 18.0 |
| 15 | + 4.4 | + 4.2 | + 4.0 | + 4.0 | + 4.8 | + 4.7 | + 5.8 | + 8.1 | + 9.2 | +14.9 | +11.2 | +11.2 | +14.2 | +19.2 | +17.4 | +16.4 | +13.6 | +10.2 | + 7.6 | + 5.5 | + 2.2 | + 1.8 | + 2.4 | + 3.0 | + 8.31 | +19.2 | + 1.3 | 17.9 |
| 16 | + 3.0 | + 3.4 | + 3.5 | + 4.0 | + 5.5 | + 7.0 | + 9.0 | +12.1 | +18.9 | +19.2 | +25.7 | +20.6 | +30.6 | +24.4 | +23.2 | +22.4 | +17.2 | +14.2 | +12.0 | +10.5 | + 9.5 | + 8.2 | + 8.0 | + 7.6 | +**13.32** | +**30.6** | + 3.0 | 27.6 |
| 17 | + 7.6 | + 7.6 | + 7.4 | + 7.5 | + 7.6 | + 9.3 | +10.4 | +10.3 | +10.4 | +11.0 | + 8.4 | + 8.1 | + 7.8 | + 8.3 | + 5.0 | + 4.6 | + 4.0 | + 3.4 | + 3.1 | + 3.0 | + 2.4 | + 2.3 | + 2.2 | + 2.0 | + 6.40 | +11.0 | + 2.0 | 9.0 |
| 18 | + 1.8 | + 1.6 | + 1.5 | + 1.6 | + 2.0 | + 2.4 | + 3.1 | + 3.7 | + 4.6 | + 6 4 | + 4.8 | + 6.0 | + 6.2 | + 6.0 | + 6.0 | + 5.0 | + 4.6 | + 3.4 | + 2.3 | + 1.6 | + 0.7 | + 0.7 | + 0.5 | + 0.5 | + 3.21 | + 6.4 | + 0.5 | 5.9 |
| 19 | + 0 4 | + 0.4 | + 0.5 | + 0.4 | + 0.8 | + 1.1 | + 1.9 | + 3.0 | + 3.3 | + 4.3 | + 6.2 | + 5.0 | + 4.7 | + 4.6 | + 5.4 | + 5.2 | + 4.0 | + 2.7 | + 2.0 | + 1.4 | + 1.0 | + 0.3 | + 0.1 | — 0.1 | + **2.44** | + 6.2 | — 0.1 | 6.3 |
| 20 | — 0.2 | — 0.2 | — 0.3 | — 0.1 | 0.0 | 0.0 | + 1.8 | + 2 6 | + 2.3 | + 4.1 | + 4.8 | + 6.8 | + 5.2 | + 5.5 | + 7.0 | + 7.0 | + 4.9 | + 4.0 | + 3.1 | + 2.0 | + 1.7 | + 1.5 | + 1.4 | + 1.2 | + 2.75 | + 7.0 | — 0.3 | 7.3 |
| 21 | + 1.3 | + 1.6 | + 1.6 | + 1.4 | + 1.4 | + 1.8 | + 3.8 | + 4.9 | + 7.2 | + 8 2 | + 6.6 | + 6.9 | + 7.2 | + 7.9 | + 6.5 | + 7.2 | + 6.5 | + 5.6 | + 4.7 | + 4.0 | + 3.2 | + 2.8 | + 2.4 | + 2.6 | + 4.43 | + 8.2 | + 1.3 | 6.9 |
| 22 | + 2.5 | + 2.5 | + 2.2 | + 2.4 | + 2.4 | + 2.6 | + 2.4 | + 3.3 | + 4.4 | + 5.3 | + 6.4 | + 7.5 | + 8.8 | +10.3 | + 9.2 | + 9.1 | + 9.0 | + 6.1 | + 4.5 | + 3.2 | + 2.0 | + 1.4 | + 0.7 | + 0.3 | + 4.54 | +10.8 | + 0.3 | 10.5 |
| 23 | + 1.3 | + 1.3 | + 1.0 | + 1.4 | + 2.0 | + 2.8 | + 5.0 | + 4.3 | + 4.0 | +10.3 | +10.8 | + 7.6 | + 7.7 | + 8.0 | + 7.0 | + 6.8 | + 5.2 | + 4.0 | + 3.1 | + 2.2 | + 1.7 | + 1.8 | + 1.5 | + 1.4 | + 4.26 | +10.8 | + 1.0 | 9.8 |
| 24 | + 1.4 | + 1.3 | + 1.2 | + 1.2 | + 1.7 | + 2.0 | + 3.0 | + 3.7 | + 4.4 | + 4.5 | + 6.4 | + 5.7 | + 5.8 | + 5.3 | + 5.2 | + 4.5 | + 3.7 | + 2.8 | + 1.8 | + 0.9 | — 0.1 | — 0.2 | — 0.7 | — 1.3 | + 2.70 | + 6.4 | — 1.3 | 7.7 |
| 25 | — 0.6 | — 1.6 | — 1.8 | — 2.2 | — 1.8 | — 0.1 | + 0.2 | + 1.0 | + 2.3 | + 4.4 | + 7.6 | +11.0 | + 8.2 | + 7.6 | + 6.6 | + 5.6 | + 6.2 | + 3.8 | + 2.2 | + 1.5 | + 0.7 | + 0.1 | — 0.5 | — 0.1 | + 2.51 | +11.0 | — **2.2** | 13.2 |
| 26 | + 0.1 | — 0.1 | — 0.2 | — 0.5 | — 0.3 | — 0.1 | — 0.1 | + 2.2 | + 4.8 | + 1.8 | + 6.2 | + 6.4 | + 8.7 | + 7.2 | + 7.5 | + 6.2 | + 4.8 | + 3.6 | + 2.1 | + 1.6 | + 1.1 | + 1.0 | + 0.4 | + 0.5 | + 2.70 | + 8.7 | — 0.5 | 9.2 |
| 27 | + 0.6 | + 0.5 | + 0.3 | + 0.5 | + 0.7 | + 1.2 | + 2.1 | + 3.1 | + 4.0 | + 4.8 | + 6.1 | + 6.3 | + 9.1 | + 8.6 | + 9.4 | + 8.4 | + 7.1 | + 5.7 | + 4.2 | + 3.2 | + 2.0 | + 0.7 | — 0.3 | — 0.1 | + 3.68 | + 9.4 | — 0.3 | 9.7 |
| 28 | + 0.4 | + 0.4 | + 0.3 | + 0.6 | + 1.0 | + 1.2 | + 1.8 | + 3.5 | + 5.4 | + 6.0 | + 5.6 | + 6.0 | + 7.1 | + 6.8 | + 7.0 | + 6.2 | + 5.6 | + 4.2 | + 3.2 | + 2.6 | + 2.4 | + 2.2 | + 2.2 | + 1.9 | + 3.48 | + 7.1 | + 0.3 | 6.8 |
| 29 | + 0.8 | + 0.4 | + 0.6 | + 1.2 | + 1.3 | + 2.1 | + 3.8 | + 7.6 | + 9.8 | +10.2 | +11.3 | +13.0 | +11.8 | +11.7 | + 8.7 | + 8.5 | + 7.7 | + 6.2 | + 5.3 | + 4.6 | + 4.2 | + 3.9 | + 3.7 | + 3.3 | + 5.90 | +13.0 | + 0.4 | 12.6 |
| 30 | + 3.0 | + 2.8 | + 2.6 | + 2.8 | + 3.2 | + 3.4 | + 3.9 | + 4.2 | + 5.5 | + 6.4 | + 6.5 | + 8.9 | + 9.5 | + 8.7 | + 9.9 | + 6.7 | + 7.7 | + 6.9 | + 6.0 | + 5.0 | + 4.5 | + 4.2 | + 3.7 | + 2.6 | + 5.36 | + 9.9 | + 2.6 | 7.3 |
| 31 | + 3.1 | + 2.5 | + 3.2 | + 3.4 | + 3.7 | + 4.8 | + 5.5 | + 5.8 | + 7.4 | + 5.4 | + 5.6 | + 6.0 | + 6.3 | + 5.9 | + 4.9 | + 4.7 | + 4.4 | + 3.8 | + 3.0 | + 2.4 | + 2.2 | + 1.9 | + 1.8 | + 1.6 | + 4.14 | + 7.4 | + 1.6 | 5.8 |
| Среднее Mittel | + 1.43 | + **1.19** | + 1.25 | + 1.64 | + 2.30 | + 3.35 | + 4.85 | + 6.22 | + 7.70 | + 9.15 | +10.11 | +10.68 | +11.17 | +**11.21** | +10.28 | + 9.32 | + 8.06 | + 6.22 | + 4.89 | + 3.70 | + 2.84 | + 2.22 | + 1.80 | + 1.48 | + 5.54 | +12.45 | + 0.35 | 12.10 |

## САГАСТЫРЪ.

# ТЕМПЕРАТУРА ПОЧВЫ ВЪ ГЛУБИНѢ 0.4 М.

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## SSAGASTYR.

# BODENTEMPERATUR IN 0.4 M. TIEFE.

# Температура почвы въ глубинѣ 0.4 м.

## Сентябрь 1882.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 2.3 | + 2.3 | + 2.2 | + 2.2 | + 2.2 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.1 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.09 | + 2.3 | + 2.0 | 0.3 |
| 2 | + 2.2 | + 2.3 | + 2.3 | + 2.3 | + 2.4 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.4 | + 2.4 | + 2.4 | + 2.5 | + 2.6 | + 2.6 | + 2.7 | + 2.8 | + 2.9 | + 2.9 | + 2.9 | + 2.9 | + 3.0 | + 2.7 | + 2.7 | + **2.55** | + **3.0** | + 2.2 | 0.8 |
| 3 | + 2.7 | + 2.7 | + 2.7 | + 2.6 | + 2.6 | + 2.7 | + 2.6 | + 2.6 | + 2.6 | + 2.5 | + 2.5 | + 2.5 | + 2.4 | + 2.5 | + 2.4 | + 2.4 | + 2.3 | + 2.3 | + 2.4 | + 2.3 | + 2.4 | + 2.4 | + 2.4 | + 2.4 | + 2.50 | + 2.7 | + 2.3 | 0.4 |
| 4 | + 2.5 | + 2.4 | + 2.4 | + 2.4 | + 2.3 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 2.16 | + 2.5 | + 2.0 | 0.5 |
| 5 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.2 | + 2.2 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 2.1 | + 2.0 | + 2.08 | + 2.2 | + 2.0 | 0.2 |
| 6 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.07 | + 2.1 | + 2.0 | 0.1 |
| 7 | + 2.0 | + 1.9 | + 1.9 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.5 | + 1.71 | + 2.0 | + 1.5 | 0.5 |
| 8 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.35 | + 1.5 | + 1.3 | 0.2 |
| 9 | + 1.3 | + 1.3 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.15 | + 1.3 | + 1.1 | 0.2 |
| 10 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.00 | + 1.0 | + 1.0 | 0.0 |
| 11 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 0.9 | + 0.9 | + 0.9 | + 0.9 | + 0.8 | ..[1] | ... | ... | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.4 | + 1.30 | + 1.6 | + 0.8 | 0.8 |
| 12 | + 1.5 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.2 | + 1.2 | + 1.3 | + 1.3 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.34 | + 1.5 | + 1.2 | 0.3 |
| 13 | + 1.4 | + 1.4 | + 1.4 | + 1.5 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.5 | + 1.5 | + 1.6 | + 1.8 | + 1.8 | + 1.9 | + 2.0 | + 2.0 | + 2.0 | + 2.1 | + 2.2 | + 2.2 | + 1.65 | + 2.2 | + 1.4 | 0.8 |
| 14 | + 2.3 | + 2.3 | + 2.3 | + 2.4 | + 2.4 | + 2.4 | + 2.4 | + 2.4 | + 2.4 | + 2.3 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.23 | + 2.4 | + 2.0 | 0.4 |
| 15 | + 2.0 | + 2.0 | + 1.9 | + 1.8 | + 1.8 | + 1.8 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.61 | + 2.0 | + 1.4 | 0.6 |
| 16 | + 1.4 | + 1.4 | + 1.3 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.3 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.28 | + 1.4 | + 1.2 | 0.2 |
| 17 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.38 | + 1.4 | + 1.3 | 0.1 |
| 18 | + 1.4 | + 1.4 | + 1.3 | + 1.3 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.0 | + 1.1 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.13 | + 1.4 | + 1.0 | 0.4 |
| 19 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.4 | + 1.3 | + 1.2 | + 0.9 | + 0.8 | + 0.8 | + 0.8 | + 0.8 | + 0.8 | + 0.7 | + 0.6 | + 0.6 | + 0.6 | + 0.5 | + 0.6 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.79 | + 1.4 | + 0.4 | 1.0 |
| 20 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.4 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.35 | + 0.4 | + 0.3 | 0.1 |
| 21 | + 0.3 | + 0.3 | + 0.3 | + 0.3 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.1 | + 0.21 | + 0.3 | + 0.1 | 0.2 |
| 22 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.1 | + 0.2 | + 0.2 | + 0.2 | + 0.2 | + 0.1 | 0.0 | 0.0 | + 0.09 | + 0.1 | 0.0 | 0.1 |
| 23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | + 0.1 | + 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | + 0.01 | + 0.1 | 0.0 | 0.1 |
| 24 | — 0.1 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.1 | — 0.1 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.19 | — 0.1 | — 0.2 | 0.1 |
| 25 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.18 | — 0.1 | — 0.2 | 0.1 |
| 26 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.12 | — 0.1 | — 0.2 | 0.1 |
| 27 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | — 0.1 | — 0.1 | — 0.1 | — 0.1 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.2 | — 0.12 | 0.0 | — 0.2 | 0.2 |
| 28 | — 0.2 | — 0.2 | — 0.3 | — 0.3 | — 0.4 | — 0.4 | — 0.4 | — 0.4 | — 0.4 | — 0.4 | — 0.4 | — 0.4 | — 0.5 | — 0.5 | — 0.5 | — 0.5 | — 0.5 | — 0.5 | — 0.6 | — 0.6 | — 0.6 | — 0.7 | — 0.8 | — 0.8 | — 0.48 | — 0.2 | — 0.8 | 0.6 |
| 29 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 0.9 | — 0.9 | — 0.9 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.1 | — 1.1 | — 1.1 | — 1.2 | — 1.2 | — 1.3 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.05 | — 0.8 | — 1.4 | 0.6 |
| 30 | — 1.4 | — 1.5 | — 1.6 | — 1.6 | — 1.6 | — 1.7 | — 1.7 | — 1.7 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — **1.80** | — 1.4 | — **2.0** | 0.6 |
| Среднее Mittel | + **1.03** | + 1.02 | + 1.00 | + 0.99 | + 0.98 | + 0.97 | + 0.96 | + 0.94 | + 0.93 | + 0.92 | + 0.90 | + 0.90 | + 0.90 | + 0.91 | + 0.91 | + 0.92 | + 0.91 | + 0.92 | + 0.93 | + 0.91 | + 0.91 | + 0.90 | + 0.89 | + **0.88** | + 0.94 | + 1.14 | + 0.78 | 0.36 |

[1]) Термометръ вынутъ изъ трубы для исправленія.



# Bodentemperatur in 0.4 m. Tiefe.

## September 1882.

Mittlere Ortszeit.

## Октябрь 1882.

## October 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tages-mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 2.0 | — 2.0 | — 2.1 | — 2.1 | — 2.2 | — 2.2 | — 2.2 | — 2.3 | — 2.3 | — 2.3 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.5 | — 2.5 | — 2.5 | — 2.5 | — 2.5 | — 2.5 | — 2.5 | — 2.4 | — 2.4 | — 2.4 | — 2.33 | — 2.0 | — 2.5 | 0.5 |
| 2 | — 2.4 | — 2.4 | — 2.3 | — 2.2 | — 2.2 | — 2.2 | — 2.1 | — 2.1 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 1.9 | — 1.9 | — 1.8 | — 1.8 | — 1.7 | — 1.7 | — 1.7 | — 1.7 | — 1.7 | — 1.7 | — 1.6 | — 1.6 | — 1.95 | — 1.6 | — 2.4 | 0.8 |
| 3 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.5 | — 1.5 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.3 | — 1.3 | — 1.3 | — 1.3 | — 1.3 | — 1.3 | — 1.3 | — 1.3 | — **1.42** | — **1.3** | — 1.6 | 0.3 |
| 4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.4 | — 1.5 | — 1.5 | — 1.5 | — 1.5 | — 1.5 | — 1.5 | — **1.42** | — 1.4 | — 1.5 | 0.1 |
| 5 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.6 | — 1.60 | — 1.6 | — 1.6 | 0.0 |
| 6 | — 1.6 | — 1.6 | — 1.6 | — 1.7 | — 1.7 | — 1.7 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.76 | — 1.6 | — 1.8 | 0.2 |
| 7 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 1.90 | — 1.8 | — 2.0 | 0.2 |
| 8 | — 2.1 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.3 | — 2.3 | — 2.3 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.5 | — 2.5 | — 2.5 | — 2.5 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.7 | — 2.43 | — 2.1 | — 2.7 | 0.6 |
| 9 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.6 | — 2.7 | — 2.7 | — 2.8 | — 2.7 | — 2.7 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.7 | — 2.7 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.75 | — 2.6 | — 2.8 | 0.2 |
| 10 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.7 | — 2.8 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.68 | — 2.6 | — 2.8 | 0.2 |
| 11 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.4 | — 2.5 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.3 | — 2.3 | — 2.3 | — 2.3 | — 2.3 | — 2.43 | — 2.3 | — 2.6 | 0.3 |
| 12 | — 2.3 | — 2.3 | — 2.3 | — 2.3 | — 2.4 | — 2.4 | — 2.2 | — 2.1 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.1 | — 2.1 | — 2.1 | — 2.1 | — 2.1 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.22 | — 2.1 | — 2.4 | 0.3 |
| 13 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.1 | — 2.1 | — 2.2 | — 2.2 | — 2.1 | — 2.1 | — 2.1 | — 2.1 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.2 | — 2.3 | — 2.3 | — 2.3 | — 2.4 | — 2.3 | — 2.20 | — 2.1 | — 2.4 | 0.3 |
| 14 | — 2.4 | — 2.4 | — 2.4 | — 2.5 | — 2.5 | — 2.5 | — 2.5 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.7 | — 2.7 | — 2.7 | — 2.8 | — 2.9 | — 2.9 | — 3.0 | — 3.0 | — 3.0 | — 3.1 | — 3.2 | — 3.2 | — 3.2 | — 2.75 | — 2.4 | — 3.2 | 0.8 |
| 15 | — 3.2 | — 3.3 | — 3.5 | — 3.6 | — 3.6 | — 3.7 | — 3.8 | — 3.8 | — 3.9 | — 3.9 | — 3.9 | — 4.0 | — 3.9 | — 3.9 | — 4.0 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 4.0 | — 3.9 | — 3.9 | — 4.0 | — 3.81 | — 3.2 | — 4.0 | 0.8 |
| 16 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.1 | — 4.10 | — 4.1 | — 4.1 | 0.0 |
| 17 | — 4.1 | — 4.1 | — 4.0 | — 4.0 | — 3.9 | — 4.0 | — 3.9 | — 4.0 | — 4.0 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 3.9 | — 4.1 | — 4.1 | — 4.1 | — 3.96 | — 3.9 | — 4.1 | 0.2 |
| 18 | — 4.1 | — 4.1 | — 4.2 | — 4.5 | — 4.3 | — 4.3 | — 4.4 | — 4.5 | — 4.6 | — 4.7 | — 4.7 | — 4.8 | — 4.8 | — 5.0 | — 5.0 | — 5.1 | — 5.2 | — 5.3 | — 5.3 | — 5.2 | — 5.4 | — 5.5 | — 5.5 | — 5.5 | — 4.85 | — 4.1 | — 5.5 | 1.4 |
| 19 | — 5.5 | — 5.6 | — 5.6 | — 5.6 | — 5.6 | — 5.6 | — 5.6 | — 5.7 | — 5.6 | — 5.6 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.6 | — 5.6 | — 5.6 | — 5.55 | — 5.5 | — 5.7 | 0.2 |
| 20 | — 5.6 | — 5.6 | — 5.6 | — 5.7 | — 5.6 | — 5.6 | — 5.6 | — 5.7 | — 5.7 | — 5.7 | — 5.7 | — 5.6 | — 5.6 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.4 | — 5.4 | — 5.4 | — 5.3 | — 5.3 | — 5.55 | — 5.3 | — 5.7 | 0.4 |
| 21 | — 5.3 | — 5.3 | — 5.3 | — 5.3 | — 5.3 | — 5.4 | — 5.4 | — 5.4 | — 5.5 | — 5.5 | — 5.5 | — 5.5 | — 5.7 | — 5.7 | — 5.8 | — 5.8 | — 6.0 | — 5.9 | — 5.9 | — 5.9 | — 5.9 | — 6.0 | — 6.0 | — 6.0 | — 5.64 | — 5.3 | — 6.0 | 0.7 |
| 22 | — 6.1 | — 6.2 | — 6.2 | — 6.2 | — 6.3 | — 6.3 | — 6.4 | — 6.4 | — 6.5 | — 6.5 | — 6.6 | — 6.7 | — 6.7 | — 6.7 | — 6.9 | — 6.9 | — 7.1 | — 7.1 | — 7.2 | — 7.3 | — 7.4 | — 7.5 | — 7.5 | — 7.6 | — 6.76 | — 6.1 | — 7.6 | 1.5 |
| 23 | — 7.6 | — 7.7 | — 7.7 | — 7.8 | — 7.9 | — 7.9 | — 7.9 | — 8.0 | — 8.1 | — 8.1 | — 8.2 | — 8.2 | — 8.3 | — 8.4 | — 8.6 | — 8.5 | — 8.6 | — 8.6 | — 8.7 | — 8.7 | — 8.6 | — 8.7 | — 8.8 | — 8.8 | — 8.26 | — 7.6 | — 8.8 | 1.2 |
| 24 | — 8.8 | — 9.1 | — 8.9 | — 8.9 | — 8.9 | — 8.9 | — 8.9 | — 8.9 | — 8.8 | — 8.9 | — 8.9 | — 8.8 | — 8.7 | — 8.6 | — 8.5 | — 8.5 | — 8.5 | — 8.4 | — 8.3 | — 8.3 | — 8.3 | — 8.3 | — 8.3 | — 8.2 | — 8.65 | — 8.2 | — 9.1 | 0.9 |
| 25 | — 8.2 | — 8.3 | — 8.3 | — 8.2 | — 8.3 | — 8.3 | — 8.2 | — 8.1 | — 8.1 | — 8.1 | — 8.1 | — 8.1 | — 8.3 | — 8.3 | — 8.1 | — 8.2 | — 8.3 | — 8.3 | — 8.3 | — 8.4 | — 8.5 | — 8.5 | — 8.6 | — 8.6 | — 8.26 | — 8.1 | — 8.6 | 0.5 |
| 26 | — 8.6 | — 8.7 | — 8.7 | — 8.7 | — 8.8 | — 8.9 | — 8.9 | — 9.0 | — 9.0 | — 9.1 | — 9.1 | — 9.1 | — 9.1 | — 9.3 | — 9.3 | — 9.3 | — 9.3 | — 9.4 | — 9.4 | — 9.4 | — 9.5 | — 9.5 | — 9.6 | — 9.6 | — 9.14 | — 8.6 | — 9.6 | 1.0 |
| 27 | — 9.6 | — 9.7 | — 9.7 | — 9.7 | — 9.8 | — 9.8 | — 9.8 | — 9.5 | — 9.7 | — 9.8 | — 9.8 | — 9.8 | — 9.8 | — 9.8 | — 9.8 | — 9.7 | — 9.7 | — 9.7 | — 9.7 | — 9.8 | — 9.9 | — 9.8 | — 9.9 | — 9.9 | — 9.76 | — 9.5 | — 9.9 | 0.4 |
| 28 | — 9.9 | — 9.9 | — 9.9 | — 9.9 | — 9.9 | — 9.9 | —10.0 | —10.1 | —10.0 | —10.0 | —10.0 | —10.0 | —10.1 | —10.1 | —10.1 | —10.3 | —10.4 | —10.4 | —10.5 | —10.5 | —10.6 | —10.6 | —10.6 | —10.6 | —10.18 | — 9.9 | —10.6 | 0.7 |
| 29 | —10.7 | —10.8 | —10.8 | —10.8 | —10.8 | —10.9 | —10.9 | —10.9 | —10.9 | —10.9 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —10.93 | —10.7 | —11.0 | 0.3 |
| 30 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —11.0 | —10.9 | —10.9 | —10.9 | —11.0 | —11.0 | —11.0 | —11.1 | —11.0 | —11.0 | —11.2 | —11.1 | —11.2 | —11.02 | —10.9 | —11.2 | 0.3 |
| 31 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.5 | —11.4 | —11.4 | —11.5 | —11.4 | —11.6 | —11.6 | —11.6 | —11.6 | —11.5 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.2 | —11.3 | — **11.43** | —11.2 | — **11.6** | 0.4 |
| Среднее Mittel | — **4.95** | — 4.98 | — 4.98 | — 5.00 | — 5.01 | — 5.02 | — 5.03 | — 5.04 | — 5.02 | — 5.05 | — 5.07 | — 5.08 | — 5.08 | — 5.10 | — 5.11 | — 5.10 | — 5.13 | — 5.15 | — 5.16 | — 5.15 | — 5.18 | — 5.21 | — 5.20 | — **5.22** | — 5.09 | — 4.83 | — 5.34 | 0.51 |

[1]) Das Thermometer zu einer Reparatur aus der Röhre genommen.

# Температура почвы въ глубинѣ 0.4 м.

## Ноябрь 1882.

Среднее мѣстное время.



# Bodentemperatur in 0.4 m. Tiefe.

## November 1882.

Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —11.3 | —11.4 | —11.4 | —11.4 | —11.4 | —11.2 | —11.2 | —11.2 | —11.4 | —11.2 | —11.4 | —11.2 | —11.3 | —11.4 | —11.4 | —11.4 | —11.5 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.6 | —11.5 | **—11.37** | **—11.2** | —11.6 | 0.4 |
| 2 | —11.5 | —11.6 | —11.6 | —11.6 | —11.6 | —11.6 | —11.6 | —11.6 | —11.7 | —11.7 | —11.8 | —11.8 | —11.9 | —11.9 | —11.8 | —11.8 | —12.0 | —12.0 | —12.0 | —12.0 | —12.1 | —12.2 | —12.2 | —12.3 | —11.83 | —11.5 | —12.3 | 0.8 |
| 3 | —12.3 | —12.4 | —12.4 | —12.4 | —12.5 | —12.6 | —12.6 | —12.7 | —12.6 | —12.7 | —12.9 | —12.9 | —13.1 | —13.0 | —13.1 | —13.2 | —13.2 | —13.2 | —13.3 | —13.4 | —13.4 | —13.4 | —13.5 | —13.6 | —12.93 | —12.3 | —13.6 | 1.3 |
| 4 | —13.5 | —13.5 | —13.4 | —13.6 | —13.8 | —13.8 | —13.9 | —13.9 | —14.1 | —14.0 | —14.1 | —14.2 | —14.2 | —14.2 | —14.2 | —14.2 | —14.4 | —14.3 | —14.3 | —14.4 | —14.4 | —14.6 | —14.6 | —14.6 | —14.09 | —13.4 | —14.6 | 1.2 |
| 5 | —14.6 | —14.6 | —14.7 | —14.7 | —14.7 | —14.7 | —14.7 | —14.7 | —14.6 | —14.4 | —14.4 | —14.4 | —14.2 | —14.4 | —14.2 | —14.3 | —14.2 | —14.2 | —14.1 | —14.2 | —14.2 | —14.2 | —14.3 | —14.2 | —14.41 | —14.1 | —14.7 | 0.6 |
| 6 | —15.1 | —14.2 | —14.2 | —14.2 | —14.2 | —14.2 | —14.0 | —14.1 | —14.0 | —14.0 | —14.1 | —14.1 | —14.0 | —14.0 | —14.0 | —14.2 | —14.0 | —14.1 | —14.1 | —14.1 | —14.1 | —14.2 | —14.2 | —14.1 | —14.15 | —14.0 | —15.1 | 1.1 |
| 7 | —14.2 | —14.1 | —14.1 | —14.2 | —14.0 | —14.1 | —14.1 | —14.2 | —14.1 | —14.2 | —14.1 | —14 2 | —14.2 | —14.2 | —14.3 | —14.3 | —14.4 | —14.4 | —14.4 | —14.4 | —14.4 | —14.5 | —14.5 | —14.4 | —14.25 | —14.0 | —14.5 | 0.5 |
| 8 | —14.6 | —14.6 | —14.7 | —14.7 | —14.8 | —14.7 | —14.7 | —14.7 | —14.7 | —14.8 | —14.6 | —14.6 | —14.6 | ...[1] | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 10 | —13.0 | —13.0 | —13.0 | —13.0 | —13.0 | —13.0 | —13.0 | —13.1 | —13.1 | —13.1 | —13.1 | —13.1 | —13.2 | —13.2 | —13.2 | —13.2 | —13.3 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.18 | —13.0 | —13.4 | 0.4 |
| 11 | —13.5 | —13.6 | —13.6 | —13.5 | —13.6 | —13.7 | —13.7 | —13.8 | —13.7 | —13.8 | —13.8 | —13.8 | —13.8 | —13.8 | —13.8 | —13.9 | —13.9 | —13.8 | —13.8 | —13.9 | —13.8 | —13.8 | —13.8 | —13.8 | —13.75 | —13.5 | —13.9 | 0.4 |
| 12 | —13.8 | —13.7 | —13.7 | —13.7 | —13.6 | —13.6 | —13.6 | —13.6 | —13.7 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.6 | —13.5 | —13.4 | —13.4 | —13.3 | —13.59 | —13.3 | —13.8 | 0.5 |
| 13 | —13.3 | —13.3 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.2 | —13.3 | —13.3 | —13.3 | —13.3 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.27 | —13.2 | —13.4 | 0.2 |
| 14 | —13.4 | —13.4 | —13.4 | —13.5 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.3 | —13.2 | —13.3 | —13.4 | —13.4 | —13.3 | —13.4 | —13.4 | —13.3 | —13.2 | —13.2 | —13.2 | —13.2 | —13.25 | —13.2 | —13.5 | 0.3 |
| 15 | —13.2 | —13.3 | —13.2 | —13.3 | —13.3 | —13.4 | —13.3 | —13.4 | —13.4 | —13.4 | —13.4 | —13.4 | —13.5 | —13.6 | —13.6 | —13.6 | —13.7 | —13.8 | —13.8 | —13.8 | —13.9 | —13.9 | —14.0 | —14.0 | —13.55 | —14.0 | —13.2 | 0.8 |
| 16 | —14.0 | —14.0 | —14.0 | —14.0 | —14.0 | —14.0 | —14.0 | —14.1 | —14.1 | —14.1 | —14.1 | —14.1 | —14.1 | —14.2 | —14.2 | —14.2 | —14.2 | —14.2 | —14.2 | —14.2 | —14.3 | —14.3 | —14.3 | —14.4 | —14.14 | —14.0 | —14.4 | 0.4 |
| 17 | —14.4 | —14.4 | —14.5 | —14.5 | —14.6 | —14.6 | —14.7 | —14.8 | —14.8 | —14.8 | —14.8 | —14.9 | —15.0 | —14.7 | —15.1 | —15.2 | —15.2 | —15.3 | —15.3 | —15.4 | —15.4 | —15.5 | —15.6 | —15.6 | —14.96 | —14.4 | —15.6 | 1.2 |
| 18 | —15.6 | —15.8 | —15.8 | —15.9 | —15.9 | —16.0 | —16.0 | —16.0 | —15.9 | —15.8 | —15.8 | —15.8 | —15.7 | —15.7 | —15.6 | —15.6 | —15.6 | —15.4 | —15.4 | —15.4 | —15.3 | —15.2 | —15.2 | —15.2 | —15.65 | —15.2 | —16.0 | 0.8 |
| 19 | —15.2 | —15.1 | —15.0 | —15.0 | —15.0 | —15.0 | —14.9 | —14.9 | —14.9 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.9 | —14.9 | —15.0 | —15.0 | —15.1 | —15.2 | —15.2 | —15.2 | —15.4 | —15.4 | —15.01 | —14.8 | —15.4 | 0.6 |
| 20 | —15.5 | —15.6 | —15.7 | —15.8 | —15.8 | —15.9 | —16.0 | —16.0 | —16.0 | —16.0 | —16.2 | —16.3 | —16.4 | —16.4 | —16.4 | —16.4 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.22 | —15.5 | —16.6 | 1.1 |
| 21 | —16.7 | —16.7 | —16.6 | —16.6 | —16.7 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.5 | —16.4 | —16.4 | —16.4 | —16.4 | —16.4 | —16.3 | —16.3 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.46 | —16.2 | —16.7 | 0.5 |
| 22 | —16.2 | —16.2 | —16.2 | —16.2 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.0 | —16.03 | —16.0 | —16.2 | 0.2 |
| 23 | —16.0 | —16.0 | —16.0 | —16.0 | —16.1 | —16.1 | —16.1 | —16.1 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.3 | —16.3 | —16.3 | —16.4 | —16.4 | —16.4 | —16.4 | —16.20 | —16.0 | —16.4 | 0.4 |
| 24 | —16.4 | —16.4 | —16.4 | —16.5 | —16.5 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.8 | —16.8 | —16.8 | —17.0 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | [2] | —16.65 | —16.4 | —17.0 | 0.6 |
| 25 | .... | .... | .... | .... | .... | .... | —16.6 | —16.6 | —16.6 | —16.7 | —16.7 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —17.0 | —17.0 | —17.0 | —17.0 | —17.0 | —17.0 | —17.0 | —16.83 | —16.6 | —17.0 | 0.4 |
| 26 | —17.3 | —17.1 | —17.2 | —17.2 | —17.2 | —17.5 | —17.6 | —17.7 | —17.7 | —17.9 | —18.0 | —18.0 | —17.9 | —17.9 | —17.8 | —17.7 | —17.8 | —18.0 | —17.7 | —17.7 | —17.7 | —17.7 | —17.7 | —17.7 | **—17.65** | —17.1 | **—18.0** | 0.9 |
| 27 | —17.9 | —17.9 | —17.9 | —17.9 | —17.6 | —17.7 | —17.8 | —17.6 | —17.7 | —17.6 | —17.5 | —17.5 | —17.3 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.3 | —17.3 | —17.58 | —17.3 | —17.9 | 0.6 |
| 28 | —17.2 | —17.2 | —17.2 | —17.2 | —17.1 | —17.0 | —16.9 | —16.8 | —16.8 | —16.7 | —16.7 | —16.6 | —16.6 | —16.5 | —16.5 | —16.5 | —16.4 | —16.4 | —16.4 | —17.2 | —16.2 | —16.2 | —16.2 | —16.0 | —16.69 | —16.0 | —17.2 | 1.2 |
| 29 | —16.1 | —16.0 | —15.8 | —15.9 | —15.8 | —15.8 | —15.7 | —15.7 | —15.6 | —15.6 | —15.6 | —15.5 | —15.5 | —15.5 | —15.5 | —15.4 | —15.3 | —15.4 | —15.4 | —15.3 | —15.3 | —15.3 | —15.3 | —15.2 | —15.56 | —15.2 | —16.1 | 0.9 |
| 30 | —15.2 | —15.2 | —15.2 | —15.2 | —15.2 | —15.2 | —15.2 | —15.2 | —15.1 | —15.3 | —15.2 | —15.3 | —15.3 | —15.2 | —15.2 | —15.1 | —15.1 | —15.0 | —15.0 | —15.0 | —15.0 | —15.0 | —15.1 | —15.1 | —15.15 | —15.0 | —15.3 | 0.3 |
| Среднее Mittel | —14.68 | **—14.65** | **—14.65** | —14.68 | —14.66 | —14.69 | —14.75 | —14.77 | —14.77 | —14.77 | —14.78 | —14.78 | —14.78 | —14.79 | —14.80 | —14.83 | —14.85 | —14.87 | —14.85 | **—14.90** | —14.86 | —14.88 | **—14.90** | —14.81 | —14.79 | —14.50 | —15.12 | 0.62 |

## Декабрь 1882.

## December 1882.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —15.2 | —15.2 | —15.2 | —15.2 | —15.2 | —15.3 | —15.6 | —15.5 | —15.6 | —15.6 | —15.6 | —15.7 | —15.7 | —15.8 | —15.9 | —16.0 | —16.0 | —16.4 | —16.4 | —16.4 | —16.5 | —16.6 | —16.8 | —17.8 | —15.88 | —15.2 | —17.8 | 2.6 |
| 2 | —16.9 | —17.0 | —17.1 | —17.2 | —17.2 | —17.3 | —17.4 | —17.4 | —17.5 | —17.5 | —17.5 | —17.5 | —17.6 | —17.7 | —17.5 | —17.5 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.44 | —16.9 | —17.7 | 0.8 |
| 3 | —17.8 | —17.9 | —18.0 | —18.1 | —18.0 | —17.9 | —17.9 | —17.9 | —17.9 | —17.8 | —17.8 | —17.8 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.6 | —17.8 | —17.7 | —17.7 | —17.6 | —17.77 | —17.6 | —18.1 | 0.5 |
| 4 | —17.7 | —17.6 | —17.5 | —17.5 | —17.6 | —17.5 | —17.4 | —17.5 | —17.2 | —17.2 | —17.3 | —17.2 | —17.2 | —17.1 | —17.2 | —17.2 | —17.2 | —17.0 | —17.0 | —17.0 | —16.9 | —16.8 | —16.8 | —16.8 | —17.23 | —16.8 | —17.7 | 0.9 |
| 5 | —16.8 | —16.8 | —16.7 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.6 | —16.7 | —16.7 | —16.5 | —16.6 | —16.5 | —16.5 | —16.5 | —16.6 | —16.5 | —16.5 | —16.6 | —16.6 | —16.6 | —16.6 | —16.60 | —16.5 | —16.8 | 0.3 |
| 6 | —16.6 | —16.6 | —16.6 | —16.5 | —16.6 | —16.6 | —16.7 | —16.6 | —16.7 | —16.5 | —16.5 | —16.4 | —16.4 | —16.4 | —16.3 | —16.2 | —16.2 | —16.1 | —16.0 | —16.0 | —16.1 | —16.0 | —16.0 | —16.0 | —16.36 | —16.0 | —16.7 | 0.7 |
| 7 | —15.9 | —15.8 | —15.8 | —15.7 | —15.8 | —15.7 | —15.6 | —15.5 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.5 | —15.6 | —15.5 | —15.5 | —15.5 | —15.53 | —15.4 | —15.9 | 0.5 |
| 8 | —15.7 | —15.6 | —15.5 | —15.5 | —15.5 | —15.5 | —15.5 | —15.5 | —15.4 | —15.5 | —15.5 | —15.6 | —15.6 | —15.6 | —15.6 | —15.6 | —15.6 | —15.6 | —15.8 | —15.7 | —15.7 | —15.7 | —15.7 | —15.7 | —15.59 | —15.4 | —15.8 | 0.4 |
| 9 | —15.7 | —15.7 | —15.6 | —15.6 | —15.6 | —15.6 | —15.8 | —15.6 | —15.6 | —15.6 | —15.6 | —15.6 | —15.5 | —15.4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.3 | —15.2 | —15.1 | —15.0 | —15.0 | —15.0 | —15.45 | —15.0 | —15.8 | 0.8 |
| 10 | —15.0 | —15.0 | —15.0 | —15.0 | —14.9 | —15.1 | —15.2 | —15.2 | —15.1 | —15.0 | —15.1 | —15.1 | —15.2 | —15.4 | —15.5 | —15.5 | —15.6 | —15.7 | —15.8 | —15.9 | —16.0 | —16.2 | —16.4 | —16.7 | **—15.44** | **—14.9** | —16.7 | 1.8 |
| 11 | —16.6 | —16.6 | —17.0 | —16.6 | —16.8 | —17.6 | —17.2 | —17.2 | —17.3 | —17.5 | —17.8 | —17.8 | —18.0 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.3 | —18.6 | —18.6 | —18.6 | —18.7 | —17.73 | —16.6 | —18.7 | 2.1 |
| 12 | —18.8 | —19.0 | —19.0 | —19.0 | —19.2 | —19.0 | —19.3 | —19.4 | —19.3 | —19.0 | —19.0 | —19.0 | —19.0 | —19.0 | —19.0 | —19.1 | —19.1 | —19.1 | —19.2 | —19.1 | —18.8 | —18.8 | —18.8 | —18.7 | —19.03 | —18.7 | —19.4 | 0.7 |
| 13 | —18.6 | —18.6 | —18.7 | —18.6 | —18.5 | —18.5 | —19.2 | —18.3 | —18.4 | —18.5 | —18.5 | —18.5 | —18.3 | —18.2 | —18.0 | —18.0 | —18.0 | —18.0 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.33 | —18.0 | —19.2 | 1.2 |
| 14 | —18.0 | —18.0 | —18.0 | —18.0 | —17.9 | —18.0 | —18.1 | —18.4 | —18.1 | —18.1 | —18.1 | —18.2 | —18.3 | —18.3 | —18.3 | —18.2 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.12 | —17.9 | —18.4 | 0.5 |
| 15 | —18.1 | —18.3 | —18.3 | —18.3 | —19.0 | —19.1 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.9 | —18.9 | —18.7 | —18.8 | —18.9 | —18.9 | —19.0 | —19.1 | —19.1 | —19.1 | —19.3 | —18.78 | —18.1 | —19.3 | 1.2 |
| 16 | —19.3 | —19.3 | —19.3 | —19.3 | —19.4 | —19.5 | —19.4 | —19.4 | —19.4 | —19.4 | —19.4 | —19.3 | —19.4 | —19.3 | —19.3 | —19.3 | —19.3 | —19.3 | —19.2 | —19.5 | —19.5 | —19.5 | —19.5 | —19.6 | —19.38 | —19.2 | —19.6 | 0.4 |
| 17 | —19.6 | —19.7 | —19.7 | —19.8 | —19.7 | —19.5 | —19.5 | —19.5 | —19.4 | —19.4 | —19.4 | —19.3 | —19.3 | —19.4 | —19.4 | —19.4 | —19.4 | —19.4 | —19.4 | —19.4 | —19.3 | —19.3 | —19.3 | —19.3 | —19.45 | —19.3 | —19.8 | 0.5 |
| 18 | —19.2 | —19.1 | —18.9 | —18.7 | —18.6 | —18.6 | —18.5 | —18.5 | —18.5 | —18.5 | —18.6 | —18.4 | —18.3 | —18.3 | —18.3 | —18.3 | —18.3 | —18.3 | —18.1 | —18.1 | —18.0 | —18.0 | —17.9 | —18.0 | —18.42 | —17.9 | —19.2 | 1.3 |
| 19 | —18.1 | —17.7 | —17.7 | —17.6 | —17.5 | —17.4 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.5 | —17.3 | —17.4 | —17.2 | —17.1 | —17.1 | —17.1 | —17.0 | —17.0 | —17.0 | —16.9 | —16.9 | —16.9 | —17.33 | —16.9 | —18.1 | 1.2 |
| 20 | —16.9 | —16.9 | —16.9 | —16.9 | —16.9 | —16.9 | —16.9 | —17.0 | —17.0 | —16.9 | —16.8 | —16.9 | —16.9 | —16.9 | —16.9 | —16.9 | —16.9 | —16.9 | —17.3 | —17.7 | —17.2 | —17.2 | —17.2 | —17.3 | —17.01 | —16.8 | —17.7 | 0.9 |
| 21 | —17.3 | —17.3 | —17.4 | —17.6 | —17.7 | —17.6 | —17.7 | —17.9 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.1 | —18.3 | —18.4 | —18.4 | —18.4 | —18.4 | —18.4 | —18.8 | —18.7 | —18.7 | —18.8 | —18.08 | —17.3 | —18.8 | 1.5 |
| 22 | —18.9 | —18.9 | —18.7 | —18.7 | —18.7 | —18.6 | —18.6 | —18.6 | —18.6 | —18.6 | —18.7 | —18.6 | —18.7 | —18.7 | —18.7 | —18.8 | —18.8 | —18.8 | —18.9 | —18.6 | —18.6 | —18.6 | —18.6 | —18.6 | —18.69 | —18.6 | —18.9 | 0.3 |
| 23 | —18.5 | —18.5 | —18.5 | —18.5 | —18.5 | —18.6 | —18.8 | —18.8 | —18.9 | —18.9 | —19.0 | —19.0 | —19.1 | —19.2 | —19.2 | —19.2 | —19.0 | —19.0 | —19.0 | —19.1 | —19.1 | —19.1 | —19.1 | —19.2 | —18.91 | —18.5 | —19.2 | 0.7 |
| 24 | —19.3 | —19.3 | —19.3 | —19.3 | —19.4 | —19.4 | —19.5 | —19.5 | —...[3] | —19.7 | —19.7 | —19.6 | —19.8 | —19.9 | —19.9 | —19.8 | —19.8 | —19.9 | —19.9 | —20.0 | —20.1 | —20.1 | —20.1 | —20.1 | —19.71 | —19.3 | —20.1 | 0.8 |
| 25 | —20.2 | —20.2 | —20.2 | —20.2 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.1 | —20.1 | —20.1 | —20.0 | —20.0 | —19.9 | —19.9 | —19.9 | —19.9 | —19.9 | —19.9 | —19.8 | —19.9 | —19.9 | —19.9 | —20.06 | —19.8 | —20.3 | 0.5 |
| 26 | —19.9 | —19.8 | —19.6 | —19.6 | —19.7 | —19.6 | —19.8 | —19.7 | —19.7 | —19.7 | —19.6 | —19.7 | —19.8 | —19.8 | —20.0 | —20.0 | —20.0 | —20.0 | —20.1 | —20.0 | —19.9 | —20.0 | —20.0 | —20.1 | —19.84 | —19.6 | —20.1 | 0.5 |
| 27 | —20.1 | —20.1 | —20.1 | —20.2 | —20.2 | —20.3 | —20.5 | —20.5 | —20.5 | —20.6 | —20.6 | —20.6 | —20.7 | —20.7 | —20.6 | —20.5 | —20.5 | —20.4 | —20.5 | —20.5 | —20.5 | —20.5 | —20.4 | —20.4 | —20.44 | —20.1 | —20.7 | 0.6 |
| 28 | —20.4 | —20.5 | —20.6 | —20.5 | —20.5 | —20.5 | —20.5 | —20.5 | —20.5 | —20.4 | —20.2 | —20.0 | —20.1 | —20.1 | —19.9 | —19.9 | —19.9 | —19.8 | —19.7 | —19.8 | —19.9 | —19.9 | —19.9 | —19.9 | —20.16 | —19.7 | —20.6 | 0.9 |
| 29 | —19.9 | —20.0 | —20.1 | —20.2 | —20.2 | —20.1 | —20.1 | —20.2 | —20.3 | —20.1 | —20.0 | —20.0 | —20.1 | —20.2 | —20.3 | —20.3 | —20.3 | —20.5 | —20.6 | —20.6 | —20.7 | —20.8 | —20.9 | —21.0 | —20.31 | —19.9 | —21.0 | 1.1 |
| 30 | —21.1 | —21.1 | —21.2 | —21.3 | —21.3 | —21.3 | —21.3 | —21.4 | —21.5 | —21.7 | —21.7 | —21.7 | —21.9 | —23.1 | —22.7 | —22.1 | —22.2 | —22.3 | —22.2 | —22.3 | —22.3 | —22.6 | —22.7 | —22.4 | —21.89 | —21.1 | **—23.1** | 2.0 |
| 31 | —22.4 | —22.4 | —22.4 | —22.5 | —22.5 | —22.7 | —22.7 | —22.8 | —22.9 | —23.1 | —23.0 | —23.0 | —23.0 | —23.1 | —23.0 | —23.0 | —22.9 | —22.9 | —22.8 | —22.8 | —22.8 | —22.8 | —22.8 | —22.8 | **—22.79** | —22.4 | **—23.1** | 0.7 |
| Среднее Mittel | —18.21 | —18.21 | —18.21 | **—18.20** | —18.24 | —18.26 | —18.32 | —18.30 | —18.26 | —18.29 | —18.30 | —18.29 | —18.30 | —18.38 | —18.35 | —18.32 | —18.32 | —18.34 | —18.35 | —18.38 | —18.39 | —18.40 | —18.41 | **—18.47** | —18.31 | —17.92 | —18.85 | 0.93 |

1) Во время пурги попалъ снѣгъ въ трубу, такъ что колпакъ ручки термометра трубы не закрываетъ.
2) Термометръ во время пурги снѣгомъ занесенъ.
3) Термометръ при послѣднемъ отсчетѣ не поставленъ въ трубу какъ слѣдуетъ.

1) Während des Schneesturmes fiel Schnee in die Röhre, so dass die Kappe des Thermometer-Schaftes die Röhre nicht schliesst.
2) Das Thermometer während des Schneesturms vom Schnee verweht.
3) Das Thermometer bei der vorigen Ablesung nicht so, wie erforderlich, in die Röhre gesteckt.

# Температура почвы въ глубинѣ 0.4 м.

## Январь 1883.

Среднее мѣстное время.



# Bodentemperatur in 0.4 m. Tiefe.

## Januar 1883.

Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя средн. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −22.8 | −23.4 | −23.3 | −23.3 | −23.4 | −23.3 | −23.7 | −23.5 | −23.4 | −23.1 | −23.0 | −23.0 | −22.9 | −23.0 | −22.9 | −22.9 | −22.9 | −22.9 | −22.9 | −23.1 | −23.1 | −23.1 | −23.2 | −23.7 | −23.16 | −22.8 | −23.7 | 0.9 |
| 2 | −23.5 | −23.4 | −23.5 | −23.6 | −23.4 | −23.4 | −23.3 | −23.3 | −23.2 | −23.2 | −23.1 | −23.1 | −23.0 | −23.0 | −22.9 | −22.9 | −22.9 | −22.8 | −22.8 | −22.7 | −22.6 | −22.6 | −22.5 | −22.5 | −23.05 | −22.5 | −23.6 | 1.1 |
| 3 | −22.3 | −22.3 | −22.3 | −23.2 | −22.1 | −22.0 | −22.1 | −22.1 | −22.1 | −21.9 | −21.9 | −21.8 | −21.7 | −21.7 | −21.7 | −21.7 | −21.7 | −21.7 | −21.5 | −21.6 | −21.5 | −21.4 | −21.86 | −21.4 | −22.3 | 0.9 |
| 4 | −21.3 | −21.1 | −21.1 | −21.0 | −20.9 | −20.9 | −20.9 | −20.9 | −20.7 | −20.6 | −20.5 | −20.5 | −21.4 | −20.5 | −20.5 | −20.4 | −20.4 | −20.3 | −20.3 | −20.2 | −20.1 | −20.1 | −20.1 | −20.1 | −20.62 | −20.1 | −21.4 | 1.3 |
| 5 | −20.1 | −20.1 | −20.1 | −20.1 | −20.1 | −20.2 | −20.2 | −20.3 | −20.4 | −20.4 | −20.4 | −20.4 | −20.5 | −20.4 | −20.4 | −20.4 | −20.4 | −20.5 | −20.5 | −20.5 | −20.5 | −20.5 | −20.5 | −20.5 | −20.34 | −20.1 | −20.5 | 0.4 |
| 6 | −20.5 | −20.5 | −20.5 | −20.5 | −20.6 | −20.7 | −20.5 | −20.5 | −20.5 | −20.4 | −20.3 | −20.3 | −20.2 | −20.3 | −20.2 | −20.1 | −19.9 | −19.9 | −19.9 | −19.9 | −19.9 | −19.9 | −19.9 | −19.9 | −20.25 | −19.9 | −20.7 | 0.8 |
| 7 | −20 0 | −20.0 | −19.9 | −20.0 | −19.7 | −19.7 | −19.6 | −19.5 | −19.5 | −19.4 | −19.3 | −19.3 | −19.3 | −19.5 | −19.5 | −19.5 | −19.5 | −19.7 | −19.8 | −19.7 | −19.8 | −19.8 | −19.8 | −19.8 | −19.61 | −19.3 | −20.0 | 0.7 |
| 8 | −19.9 | −19.7 | −19.7 | −19.8 | −19.8 | −19.9 | −19.9 | −20.1 | −20.0 | −20.1 | −20.1 | −20.1 | −20.1 | −20.3 | −20.3 | −20.3 | −20.3 | −20.3 | −20.1 | −20.1 | −20.1 | −20.1 | −20.1 | −20.0 | −20.05 | −19.7 | −20.3 | 0.6 |
| 9 | −19.9 | −19.9 | −19.9 | −19.8 | −19.7 | −19.7 | −19.9 | −19.9 | −20.0 | −20.0 | −20.0 | −20.0 | −20.0 | −20.0 | −20.0 | −20.0 | −20.1 | −20.2 | −20.1 | −20.2 | −20.2 | −20.3 | −20.3 | −20.3 | −20.01 | −19.7 | −20.3 | 0.6 |
| 10 | −20.4 | −20.5 | −20.5 | −20.5 | −20.7 | −20.7 | −20.8 | −20.9 | −20.9 | −20.9 | −21.1 | −20.9 | −20.9 | −20.8 | −20.8 | −20.9 | −20.9 | −20.9 | −20.9 | −20.9 | −20.9 | −21.0 | −21.0 | −21.1 | −20.83 | −20.4 | −21.1 | 0.7 |
| 11 | −21.1 | −21.2 | −21.3 | −21.4 | −21.4 | −21.3 | −21.5 | −21.5 | −21.5 | −21.5 | −21.5 | −21.5 | −21.5 | −21.5 | −21.7 | −21.6 | −21.6 | −21.6 | −21.7 | −21.8 | −21.8 | −21.9 | −21.7 | −21.8 | −21.54 | −21.1 | −21.9 | 0.8 |
| 12 | −21.7 | −21.7 | −21.6 | −21.6 | −21.5 | −21.5 | −21.5 | −21.4 | −21.4 | −21.3 | −21.5 | −21.1 | −21.1 | −21.3 | −21.3 | −21.3 | −21.2 | −21.1 | −21.0 | −20.9 | −20.9 | −20.9 | −20.9 | −20.9 | −21.26 | −20.9 | −21.7 | 0.8 |
| 13 | −20.8 | −20.8 | −20.8 | −20.8 | −20.7 | −20.8 | −20.9 | −20.9 | −20.9 | −20.9 | −21.0 | −21.1 | −21.0 | −21.1 | −21.1 | −21.1 | −21.2 | −21.1 | −21.1 | −21.2 | −21.3 | −21.3 | −21.3 | −21.3 | −21.01 | −20 7 | −21.3 | 0.6 |
| 14 | −21.3 | −21.4 | −21.4 | −21.5 | −21.6 | −21.6 | −21.7 | −21.9 | −22.0 | −21.7 | −21.7 | −21.7 | −21.7 | −21.7 | −21.7 | −21.7 | −21.9 | −21.9 | −21.9 | −21.9 | −21.9 | −22.0 | −22.1 | −22.1 | −21.75 | −21.3 | −22.1 | 0.8 |
| 15 | −22.4 | −22.3 | −22.4 | −22.5 | −22.5 | −22.4 | −22.4 | −22.4 | −22.5 | −22.5 | −22.5 | −22.6 | −22.7 | −22.9 | −22.9 | −22.8 | −22.8 | −22.7 | −22.7 | −22.7 | −22.9 | −23.0 | −23.1 | −23.1 | −22.65 | −22.3 | −23.1 | 0.8 |
| 16 | −23.1 | −23.1 | −23.1 | −23.0 | −23.0 | −22.5 | −22.5 | −22.4 | −22.3 | −22.1 | −22.1 | −22.1 | −21.9 | −21.9 | −21.9 | −21.9 | −21.8 | −21.8 | −21.9 | −21.7 | −21.7 | −21.7 | −21.7 | −21.6 | −22 20 | −21.6 | −23.1 | 1.5 |
| 17 | −21.6 | −21.5 | −21.3 | −21.4 | −21.3 | −21.3 | −21.3 | −21.3 | −21.3 | −21.1 | −21.1 | −21.1 | −21.1 | −21.1 | −21.2 | −21.2 | −21.2 | −21.3 | −21.1 | −21.1 | −21.1 | −20.9 | −20.9 | −20.8 | −21.17 | −20.8 | −21.6 | 0.8 |
| 18 | −20.7 | −20.5 | −20.5 | −20.5 | −20.5 | −20.5 | −20.5 | −20.5 | −20.4 | −20.3 | −20.5 | −20.5 | −20.4 | −20.4 | −20.2 | −20.2 | −20.2 | −20.2 | −20.1 | −20.1 | −20.1 | −20.1 | −20.1 | −20.1 | −20.34 | −20.1 | −20.7 | 0.6 |
| 19 | −20.1 | −20.3 | −20.3 | −20.3 | −20.4 | −20.5 | −20.5 | −20.5 | −20.5 | −20.4 | −20.3 | −20.2 | −20.3 | −20.2 | −20.3 | −20.3 | −20.2 | −20.5 | −20.5 | −20.6 | −20.6 | −20.7 | −20.7 | −20.7 | −20.40 | −20.1 | −20.7 | 0.6 |
| 20 | −20.8 | −20.8 | −20.8 | −20.7 | −20.7 | −20.7 | −20.7 | −20.7 | −20.7 | −20.7 | −20.7 | −20.7 | −20.6 | −20.6 | −20.7 | −20.7 | −20.6 | −20.6 | −20.5 | −20.5 | −20.5 | −20.7 | −20.7 | −20.7 | −20.67 | −20.5 | −20.8 | 0.3 |
| 21 | −20.7 | −20.6 | −20.5 | −20.4 | −20.3 | −20.3 | −20.3 | −20.3 | −20.3 | −20.5 | −20.5 | −20.5 | −20.6 | −20.8 | −20.8 | −21.0 | −21.2 | −21.0 | −21.0 | −21.0 | −20.9 | −21.3 | −21.1 | −21.1 | −20.71 | −20.3 | −21.3 | 1.0 |
| 22 | −21.1 | −21.2 | −21.2 | −21.3 | −21.2 | −21.4 | −21.5 | −21.5 | −21.6 | −21.7 | −21.7 | −21.7 | −21.7 | −21.8 | −21.8 | −21.8 | −21.8 | −21.8 | −21.8 | −21.8 | −21.8 | −21.9 | −21.9 | −21.9 | −21.62 | −21.1 | −21.9 | 0.8 |
| 23 | −21.9 | −22.1 | −22.1 | −22.2 | −22.2 | −22.4 | −23.4 | −22.4 | −22.4 | −22.3 | −22.3 | −22.3 | −22.3 | −22.4 | −22.3 | −22.4 | −22.4 | −22.5 | −22.6 | −22.6 | −22.6 | −22.7 | −22.7 | −22.5 | −22.35 | −21.9 | −22.7 | 0.8 |
| 24 | −22.7 | −22.8 | −23.8 | −22.9 | −22.8 | −22.8 | −22.8 | −22.8 | −22.8 | −22.6 | −22 7 | −23.7 | −22.6 | −22.7 | −22.7 | −22.6 | −22.7 | −22.8 | −22.9 | −22.7 | −22.8 | −22.9 | −22.7 | −22.7 | −22.74 | −22.6 | −22.9 | 0.3 |
| 25 | −22.7 | −22.6 | −23.6 | −22.4 | −22.4 | −22.5 | −22.5 | −22.5 | −22.6 | −22.5 | −22.5 | −22.5 | −22.6 | −22.7 | −22.6 | −22.6 | −22.6 | −22.7 | −22.6 | −22.5 | −22.7 | −22.7 | −22.7 | −22.7 | −22.58 | −22.4 | −22.7 | 0.3 |
| 26 | −22.7 | −22.7 | −22.7 | −22.7 | −22.7 | −22.7 | −22.9 | −22.8 | −23.0 | −23.0 | −23.0 | −23.0 | −23.0 | −22.9 | −22.8 | −22.8 | −22.8 | −22.8 | −22.7 | −22.7 | −22.8 | −22.8 | −22.8 | −22.8 | −22.81 | −22.7 | −23.0 | 0.3 |
| 27 | −22.7 | −22.9 | −22.9 | −22.9 | −23.0 | −23.0 | −22.9 | −22.9 | −23.0 | −22.9 | −22.8 | −22.9 | −23.0 | −22.9 | −23.0 | −23.0 | −22.9 | −22.9 | −22.9 | −22.9 | −23.0 | −23.0 | −23.0 | −23.1 | −22.93 | −22.7 | −23.1 | 0.4 |
| 28 | −23.2 | −23.2 | −23.2 | −23.2 | −23.2 | −23.2 | −23.0 | −23.1 | −23.0 | −23.0 | −23.0 | −23.0 | −23.0 | −23.1 | −23.1 | −23.1 | −23.1 | −23.2 | −23.2 | −23.2 | −23.3 | −23.3 | −23.3 | −23.3 | −23.15 | −23.0 | −23.3 | 0.3 |
| 29 | −23 2 | −23.2 | −23.1 | −23.1 | −23.1 | −23.1 | −23.1 | −23.3 | −23.2 | −23.3 | −23.2 | −23.3 | −23.3 | −23.2 | −23.3 | −23.3 | −23.2 | −23.3 | −23.3 | −23.4 | −23.3 | −23.5 | −23.4 | −23.4 | −23.28 | −23.1 | −23.5 | 0.4 |
| 30 | −23.4 | −23.3 | −23.3 | −23.3 | −23.3 | −23.5 | −23.5 | −23.6 | −23.7 | −23.6 | −23.5 | −23.5 | −23.5 | −23.6 | −23.5 | −23.5 | −23.4 | −23.4 | −23.3 | −23.5 | −23.5 | −23.4 | −23.4 | −23.5 | −23.48 | −23.3 | −23.7 | 0.4 |
| 31 | −23.5 | −23.6 | −23.5 | −23.5 | −23.6 | −23.7 | −23.9 | −23.9 | −23.7 | −23.7 | −23.7 | −23.7 | −23.7 | −23.7 | −23.7 | −23.7 | −23.7 | −23.7 | −24.0 | −24.1 | −24.1 | −24.1 | −24.1 | −23.76 | −23.5 | −24.1 | 0.6 |
| Среднее Mittel | −21.68 | −21.70 | −21.68 | −21.69 | −21.67 | −21.68 | −21.72 | −21.73 | −21.73 | −21.66 | −21.65 | −21.65 | −21.66 | −21.67 | −21.67 | −21.67 | −21.68 | −21.65 | −21.66 | −21.66 | −21.66 | −21.72 | −21.72 | −21.73 | −21.68 | −21.35 | −22.04 | 0.69 |

## Февраль 1883.

## Februar 1883.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | −24.2 | −24.1 | −24.1 | −24.5 | −24.5 | −24.1 | −24.3 | −24.7 | −24.1 | −24.3 | −24.1 | −24.1 | −24.1 | −24.1 | −24.1 | −24.1 | −24.1 | −24.1 | −24.1 | −24.2 | −24.2 | −24.1 | −24.19 | −24.1 | −24.7 | 0.6 |
| 2 | −24.2 | −24.1 | −24.1 | −24.2 | −24.1 | −24.1 | −24.1 | −24.1 | −24.0 | −23.9 | −23.9 | −24.0 | −23.9 | −24.1 | −24.1 | −24.1 | −24.4 | −24.3 | −24.2 | −24.1 | −24.1 | −24.1 | −24.11 | −23.9 | −24.4 | 0.5 |
| 3 | −24.1 | −23.9 | −23.7 | −23.6 | −23.5 | −23.5 | −23.5 | −23.5 | −23.4 | −23.5 | −23.5 | −23.3 | −23.2 | −23.1 | −23.2 | −23.0 | −23.0 | −22.9 | −22.8 | −22.7 | −22.7 | −22.6 | −22.6 | −22.6 | −23.25 | −22.6 | −24.1 | 1.5 |
| 4 | −22.5 | −22.4 | −22.4 | −22.3 | −22.4 | −22.5 | −22.3 | −22.3 | −22.3 | −22.2 | −22.2 | −22.1 | −22.3 | −22.2 | −22.3 | −22.3 | −22.3 | −22.3 | −22.3 | −22.5 | −22.3 | −22.3 | −22.3 | −22.3 | −22.31 | −22.1 | −22.5 | 0.4 |
| 5 | −22.3 | −22.5 | −22.9 | −22.7 | −22.8 | −22.9 | −22.9 | −23.0 | −23.3 | −23.2 | −23.1 | −23.1 | −23.1 | −23.1 | −23.1 | −23.2 | −23.2 | −23.3 | −23.4 | −23.3 | −23.4 | −23.5 | −23.5 | −23.5 | −23.08 | −22.3 | −23.5 | 1.2 |
| 6 | −23.5 | −23.5 | −23.5 | −23.6 | −23.7 | −23.6 | −23.5 | −23.8 | −23.8 | −23.7 | −24.3 | −23.8 | −24.1 | −23.9 | −23.9 | −24.0 | −24.0 | −24.0 | −24.1 | −24.2 | −24.2 | −24.3 | −24.2 | −24.2 | −23.87 | −23.5 | −24.3 | 0.8 |
| 7 | −24.2 | −24.3 | −24.8 | −24.4 | −24.3 | −24.3 | −24.3 | −24.5 | −24.6 | −24.7 | −24.5 | −24.7 | −24.7 | −24.7 | −24.8 | −24 9 | −25.1 | −25.1 | −25.0 | −25.0 | −25.1 | −25.1 | −25.2 | −25.2 | −24.73 | −24.2 | −25.2 | 1.0 |
| 8 | −25.1 | −25.3 | −25.1 | −25.1 | −25.1 | −25.1 | −25.2 | −25.4 | −25.5 | −25.4 | −25.5 | −25.4 | −25.5 | −25.7 | −25.6 | −25.5 | −25.4 | −25.6 | −25.6 | −25.7 | −25.6 | −25.6 | −25.6 | −25.7 | −25.43 | −25.1 | −25.7 | 0.6 |
| 9 | −25.8 | −25.8 | −25.9 | −25.9 | −25.9 | −26.0 | −26.1 | −26.2 | −26.2 | −26.0 | −26.0 | −26.0 | −26.2 | −26.1 | −26.2 | −26.3 | −26.3 | −26.3 | −26.3 | −26.3 | −26.3 | −26.3 | −26.3 | −26.3 | −26.13 | −25.8 | −26.3 | 0.5 |
| 10 | −26.5 | −26.5 | −26.4 | −26.4 | −26.4 | −26.4 | −26.3 | −26.4 | −26.2 | −26.2 | −26.3 | −26.3 | −26.5 | −26.3 | −26.7 | −26.3 | −26.3 | −26.2 | −26.4 | −26.5 | −26.4 | −26.6 | −26.4 | −26.5 | −26.39 | −26.2 | −26.7 | 0.5 |
| 11 | −26.4 | −26.4 | −26.5 | −26.6 | −26.5 | −26.5 | −26.5 | −26.5 | −26.5 | −26.7 | −26.5 | −26.5 | −26.5 | −26.5 | −26.6 | −26.6 | −26.6 | −26.6 | −26.6 | −26.6 | −26.5 | −26.5 | −26.5 | −26.6 | −26.53 | −26.4 | −26.7 | 0.3 |
| 12 | −26.5 | −26.5 | −26.5 | −26.5 | −26.5 | −26.5 | −26.4 | −26.5 | −26.5 | −26.6 | −26.6 | −26.5 | −26.5 | −26.5 | −26.5 | −26.4 | −26.4 | −26.3 | −26.3 | −26.3 | −26.3 | −26.2 | −26.2 | −26.2 | −26.43 | −26.2 | −26.6 | 0.4 |
| 13 | −26.3 | −26.5 | −26.2 | −26.2 | −26.2 | −26.1 | −26.1 | −26.1 | −26.3 | −26.2 | −26.2 | −26.1 | −26.1 | −26.1 | −26.1 | −26.1 | −25.9 | −25.9 | −25.7 | −25.9 | −26.0 | −26.0 | −25.9 | −25.9 | −26.09 | −25.7 | −26.5 | 0.8 |
| 14 | −25.9 | −26.1 | −26.0 | −25.9 | −25.8 | −25.8 | −25.7 | −25.6 | −25.7 | −25.6 | −25.5 | −25.5 | −25.5 | −25.4 | −25.4 | −25.3 | −25.3 | −25.3 | −25.2 | −25.2 | −25.1 | −25.1 | −25.1 | −25.1 | −25.50 | −25.1 | −26.1 | 1.0 |
| 15 | −25.1 | −24.9 | −24.8 | −24.8 | −24.6 | −24.5 | −24.5 | −24.4 | −24.4 | −24.3 | −24.3 | −24.2 | −24.1 | −24.1 | −24.1 | −24.1 | −24.0 | −24.0 | −24.0 | −24.0 | −24.0 | −24.1 | −24.0 | −24.1 | −24.31 | −24.0 | −25.1 | 1.1 |
| 16 | −23.9 | −24.0 | −24.1 | −24.1 | −24.0 | −24.0 | −23.9 | −23.9 | −23.8 | −23.9 | −23.9 | −23.9 | −23.9 | −24.1 | −24.0 | −24.0 | −23.9 | −24.1 | −24.1 | −24.1 | −24.2 | −24.2 | −24.3 | −24.1 | −24.02 | −23.8 | −24.3 | 0 5 |
| 17 | −24.2 | −24.3 | −24.3 | −24.3 | −24.8 | −24.6 | −24.5 | −24.6 | −24.8 | −24.7 | −24.6 | −24.6 | −24.5 | −24.5 | −24.6 | −24.6 | −24.7 | −24.6 | −24.6 | −24.8 | −24.8 | −24.9 | −24.9 | −24.9 | −24.60 | −24.2 | −24.9 | 0.7 |
| 18 | −24.9 | −25.1 | −24.9 | −25.1 | −25.1 | −25.1 | −25.0 | −25.0 | −25.1 | −25.0 | −25.0 | −25.0 | −25.0 | −25.2 | −25.1 | −25.1 | −25.1 | −25.1 | −25.2 | −25.3 | −25.4 | −25.4 | −25.5 | −25.3 | −25.12 | −24.9 | −25.4 | 0.5 |
| 19 | −25.3 | −25.4 | −25.5 | −25.5 | −25.4 | −25.4 | −25.5 | −25.5 | −25 5 | −25.5 | −25.4 | −25.4 | −25.5 | −25.5 | −25.5 | −25.5 | −25.5 | −25.5 | −25.7 | −25.7 | −25.6 | −25.6 | −25.7 | −25.7 | −25.51 | −25.3 | −25.7 | 0.4 |
| 20 | −25.6 | −25.6 | −25.6 | −25.6 | −25.5 | −25.5 | −25.5 | −25.5 | −25.5 | −25.6 | −25.7 | −25.8 | −25.6 | −25.6 | −25.6 | −25.5 | −25.5 | −25.7 | −25.6 | −25.7 | −25.5 | −25.6 | −25.6 | −25.7 | −25.59 | −25.5 | −25.8 | 0.3 |
| 21 | −25.7 | −25.7 | −25.7 | −25.7 | −25.7 | −25.7 | −25.7 | −25.8 | −25.9 | −25.9 | −25.9 | −26.0 | −25.9 | −25.9 | −26.0 | −26.0 | −26.0 | −25.9 | −26.0 | −26.0 | −26.0 | −26.1 | −26.0 | −26.0 | −25.88 | −25.7 | −26.1 | 0.4 |
| 22 | −25.9 | −26.0 | −26.1 | −26.1 | −26.5 | −26.3 | −26.1 | −26.3 | −26.2 | −26.2 | −26.1 | −26.1 | −26.0 | −26.1 | −26.1 | −26.1 | −26.0 | −26.0 | −26.1 | −26.1 | −26.1 | −26.0 | −26.12 | −25.9 | −26.5 | 0.6 |
| 23 | −26.0 | −25.9 | −25.9 | −25.8 | −25.8 | −25.8 | −25.5 | −25.7 | −25.5 | −25.4 | −25.4 | −25.3 | −25.3 | −25.1 | −25.1 | −25.0 | −24.9 | −24.7 | −24.8 | −24.9 | −25.0 | −24.9 | −24.8 | −24.9 | −25.31 | −24.7 | −26.0 | 1.3 |
| 24 | −24.7 | −24.5 | −24.5 | −24.4 | −24.3 | −24.3 | −24.3 | −24.3 | −24.5 | −24.3 | −24.1 | −24.1 | −23.9 | −24.1 | −24.1 | −24.1 | −24.0 | −23.9 | −23.9 | −23.8 | −23.8 | −23.9 | −24.17 | −23.8 | −24.7 | 0.9 |
| 25 | −23.8 | −23.8 | −23.8 | −24.0 | −23.9 | −23 9 | −23.8 | −23.8 | −23.7 | −23.6 | −23.6 | −23.7 | −24.0 | −23.6 | −25.6 | −23.7 | −23.7 | −23.6 | −23.6 | −23.5 | −23.5 | −23.4 | −23.3 | −23.3 | −23.68 | −23.3 | −24.0 | 0.7 |
| 26 | −23.2 | −23.3 | −23.3 | −23.3 | −23.3 | −23.4 | −23.3 | −23.4 | −23.4 | −23.4 | −23.4 | −23.5 | −23.5 | −23.4 | −23.4 | −23.5 | −23.5 | −23.4 | −23.4 | −23.3 | −23.3 | −23.3 | −23.3 | −23.3 | −23.37 | −23.2 | −23.5 | 0.3 |
| 27 | −23.3 | −23.3 | −23.3 | −23.3 | −23.2 | −23.1 | −23.0 | −23.0 | −23.9 | −22.9 | −22.9 | −22.8 | −22.7 | −22.9 | −22.9 | −22.8 | −22.6 | −22.4 | −22.5 | −22.6 | −22.5 | −22.7 | −22.8 | −22.88 | −22.88 | −22.4 | −23.3 | 0.9 |
| 28 | −22.4 | −22.4 | −22.4 | −22.4 | −22.5 | −22.5 | −22.6 | −22.6 | −22.7 | −22.9 | −23.1 | −22.7 | −22.7 | −22.7 | −22.7 | −22.9 | −23.0 | −22.7 | −22.7 | −22.5 | −22.6 | −22.5 | −22.4 | −22.65 | −22.4 | −23.1 | 0.7 |
| Среднее Mittel | −24.70 | −24.72 | −24.73 | −24.73 | −24.73 | −24.70 | −24.66 | −24.73 | −24.73 | −24.70 | −24.70 | −24.66 | −24.68 | −24.66 | −24.70 | −24.68 | −24.67 | −24.66 | −24.65 | −24.67 | −24.66 | −24.67 | −24.66 | −24.66 | −24.69 | −24.37 | −25.06 | 0.69 |

# Температура почвы въ глубинѣ 0.4 м.



# Bodentemperatur in 0.4 m. Tiefe.

## Мартъ 1883. / März 1883.

Среднее мѣстное время. / Mittlere Ortszeit.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —22.4 | —22.4 | —22.4 | —22.4 | —22.4 | —22.3 | —22.3 | —22.3 | —22.5 | —22.5 | —22.5 | —22.5 | —22.6 | —22.7 |
| 2 | —23.1 | —23.2 | —23.3 | —23.5 | —23.3 | —23.3 | —23.5 | —23.5 | —23.5 | —23.5 | —23.5 | —23.6 | —23.5 | —23.6 |
| 3 | —23.5 | —23.5 | —23.4 | —23.3 | —23.4 | —23.5 | —23.2 | —23.1 | —23.2 | —23.0 | —23.0 | —23.0 | —22.8 | —22.7 |
| 4 | —22.5 | —22.5 | —22.6 | —22.5 | —22.3 | —22.3 | —22.1 | —22.1 | —22.1 | —22.0 | —22.0 | —22.0 | —22.0 | —21.9 |
| 5 | —21.9 | —21.9 | —21.9 | —21.9 | —21.9 | —21.9 | —22.1 | —22.0 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.2 |
| 6 | —22.4 | —22.4 | —22.4 | —22.5 | —22.5 | —22.6 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 |
| 7 | —23.0 | —23.1 | —23.1 | —23.1 | —23.0 | —23.1 | —23.3 | —23.3 | —23.3 | —23.3 | —23.3 | —23.3 | —23.4 | —23.4 |
| 8 | —23.4 | —23.5 | —23.5 | —23.5 | —23.8 | —23.7 | —23.8 | —23.8 | —23.7 | —23.7 | —23.7 | —23.7 | —23.6 | —23.7 |
| 9 | —23.6 | —23.5 | —23.6 | —23.5 | —23.7 | —23.8 | —23.7 | —23.8 | —23.7 | —23.7 | —23.7 | —23.7 | —23.5 | —23.5 |
| 10 | —23.6 | —23.6 | —23.5 | —23.5 | —23.6 | —23.5 | —23.6 | —23.6 | —23.5 | —23.5 | —23.5 | —23.5 | —23.7 | —23.7 |
| 11 | —23.3 | —23.3 | —23.4 | —23.3 | —23.5 | —23.4 | —23.5 | —23.5 | —23.5 | —23.4 | —23.3 | —23.2 | —23.2 | —23.3 |
| 12 | —22.7 | —22.9 | —22.9 | —22.9 | —23.0 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.8 | —22.8 | —22.9 | —22.9 |
| 13 | —23.0 | —23.0 | —23.0 | —23.0 | —22.9 | —23.1 | —23.1 | —23.1 | —23.2 | —23.3 | —23.3 | —23.2 | —23.1 | —23.1 |
| 14 | —22.9 | —22.9 | —22.9 | —22.7 | —22.9 | —22.7 | —22.5 | —22.5 | —22.4 | —22.3 | —22.2 | —22.1 | —22.0 | —22.0 |
| 15 | —21.1 | —21.1 | —20.9 | —20.9 | —20.9 | —20.8 | —20.7 | —20.9 | —20.7 | —20.7 | —20.6 | —20.6 | —20.6 | —20.6 |
| 16 | —20.7 | —20.7 | —20.8 | —20.9 | —21.0 | —20.9 | —21.0 | —21.1 | —21.1 | —21.1 | —21.2 | —21.2 | —21.3 | —21.3 |
| 17 | —21.6 | —21.7 | —21.7 | —21.8 | —21.9 | —21.9 | —22.0 | —22.0 | —22.0 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 |
| 18 | —22.3 | —22.3 | —22.2 | —22.2 | —22.3 | —22.5 | —22.4 | —22.6 | —22.5 | —22.3 | —22.0 | —22.1 | —22.1 | —22.1 |
| 19 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.2 | —22.2 | —22.2 | —22.2 | —22.2 | —22.1 | —22.1 |
| 20 | —22.1 | —22.0 | —22.1 | —22.1 | —22.2 | —22.2 | —22.2 | —22.3 | —22.2 | —22.2 | —22.3 | —22.3 | —22.2 | —22.3 |
| 21 | —22.4 | —22.5 | —22.5 | —22.5 | —22.5 | —22.5 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.6 | —22.6 | —22.7 |
| 22 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.8 | —22.7 | —22.7 | —22.7 | —22.6 | —22.6 | —22.6 |
| 23 | —22.2 | —22.2 | —22.2 | —22.2 | —22.1 | —22.2 | —22.3 | —22.3 | —22.2 | —22.2 | —22.1 | —22.1 | —22.1 | —22.2 |
| 24 | —22.3 | —22.3 | —22.3 | —22.3 | —22.4 | —22.4 | —22.3 | —22.4 | —22.3 | —22.3 | —22.3 | —22.3 | —22.3 | —22.3 |
| 25 | —22.0 | —22.0 | —22.0 | —22.0 | —21.9 | —22.0 | —22.0 | —22.0 | —22.0 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 |
| 26 | —22.2 | —22.2 | —22.3 | —22.3 | —22.4 | —22.4 | —22.3 | —22.4 | —22.5 | —22.5 | —22.5 | —22.5 | —22.5 | —22.7 |
| 27 | —22.8 | —22.8 | —22.9 | —22.9 | —22.9 | —23.1 | —23.0 | —23.2 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 |
| 28 | —23.1 | —23.1 | —23.1 | —23.2 | —23.2 | —23.2 | —23.1 | —23.2 | —23.3 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 |
| 29 | —22.9 | —23.0 | —23.0 | —23.0 | —22.9 | —23.0 | —23.1 | —23.2 | —23.1 | —23.1 | —23.1 | —23.1 | —23.0 | —23.0 |
| 30 | —22.9 | —22.9 | —22.9 | —22.8 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.7 | —22.8 | —22.7 | —22.8 |
| 31 | —22.6 | —22.3 | —22.3 | —22.3 | —22.2 | —22.3 | —22.2 | —22.3 | —22.3 | —22.2 | —22.2 | —22.1 | —22.1 | —21.9 |
| Среднее Mittel | —22.56 | —22.57 | —22.58 | —22.57 | —22.60 | —22.62 | —22.62 | **—22.67** | —22.65 | —22.63 | —22.60 | —22.59 | —22.57 | —22.59 |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —22.7 | —22.8 | —22.8 | —22.9 | —22.9 | —22.9 | —23.0 | —23.1 | —23.1 | —23.1 | —22.65 | —22.3 | —23.1 | 0.8 |
| 2 | —23.6 | —23.6 | —23.7 | —23.5 | —23.6 | —23.6 | —23.5 | —23.5 | —23.5 | —23.5 | —23.48 | —23.1 | —23.7 | 0.6 |
| 3 | —22.7 | —22.7 | —22.6 | —22.6 | —22.5 | —22.5 | —22.5 | —22.5 | —22.5 | —22.5 | —22.93 | —22.5 | —23.5 | 1.0 |
| 4 | —22.0 | —21.9 | —21.9 | —21.9 | —21.9 | —21.8 | —21.9 | —21.9 | —21.9 | —21.9 | —22.08 | —21.8 | —22.6 | 0.8 |
| 5 | —22.2 | —22.2 | —22.2 | —22.2 | —22.2 | —22.2 | —22.3 | —22.3 | —22.3 | —22.3 | —22.11 | —21.9 | —22.3 | 0.4 |
| 6 | —22.7 | —22.7 | —22.8 | —22.9 | —22.9 | —22.9 | —23.0 | —23.0 | —22.9 | —22.9 | —22.71 | —22.4 | —23.0 | 0.6 |
| 7 | —23.4 | —23.4 | —23.4 | —23.5 | —23.5 | —23.5 | —23.4 | —23.5 | —23.5 | —23.4 | —23.31 | —23.0 | —23.5 | 0.5 |
| 8 | —23.6 | —23.6 | —23.7 | —23.7 | —23.6 | —23.7 | —23.7 | —23.7 | —23.6 | —23.6 | **—23.65** | —23.4 | **—23.8** | 0.4 |
| 9 | —23.5 | —23.6 | —23.6 | —23.6 | —23.6 | —23.7 | —23.7 | —23.6 | —23.6 | —23.5 | —23.63 | —23.5 | **—23.8** | 0.3 |
| 10 | —23.7 | —23.7 | —23.5 | —23.5 | —23.5 | —23.5 | —23.5 | —23.6 | —23.5 | —23.5 | —23.56 | —23.5 | —23.7 | 0.2 |
| 11 | —23.2 | —23.1 | —23.2 | —23.0 | —22.9 | —22.9 | —22.9 | —23.0 | —22.9 | —22.8 | —23.21 | —22.8 | —23.5 | 0.7 |
| 12 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —23.0 | —23.1 | —22.9 | —23.0 | —22.90 | —22.7 | —23.1 | 0.4 |
| 13 | —23.1 | —23.1 | —23.1 | —23.1 | —23.2 | —23.2 | —23.1 | —23.2 | —23.0 | —23.0 | —23.10 | —22.9 | —23.3 | 0.4 |
| 14 | —21.8 | —21.8 | —21.7 | —21.6 | —21.5 | —21.4 | —21.3 | —21.3 | —21.2 | —21.1 | —22.07 | —21.1 | —22.9 | 1.8 |
| 15 | —20.6 | —20.6 | —20.5 | —20.5 | —20.5 | —20.5 | —20.6 | —20.6 | —20.7 | —20.7 | **—20.70** | **—20.5** | —21.1 | 0.6 |
| 16 | —21.3 | —21.3 | —21.3 | —21.3 | —21.4 | —21.5 | —21.5 | —21.5 | —21.5 | —21.6 | —21.19 | —20.7 | —21.6 | 0.9 |
| 17 | —22.1 | —22.3 | —22.3 | —22.2 | —22.2 | —22.3 | —22.3 | —22.4 | —22.3 | —22.4 | —22.08 | —21.6 | —22.4 | 0.8 |
| 18 | —22.2 | —22.2 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.21 | —22.0 | —22.6 | 0.6 |
| 19 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.12 | —22.1 | —22.2 | 0.1 |
| 20 | —22.3 | —22.3 | —22.3 | —22.4 | —22.4 | —22.4 | —22.5 | —22.5 | —22.5 | —22.5 | —22.28 | —22.0 | —22.5 | 0.5 |
| 21 | —22.6 | —22.6 | —22.6 | —22.6 | —22.6 | —22.7 | —22.7 | —22.7 | —22.7 | —22.7 | —22.62 | —22.4 | —22.7 | 0.3 |
| 22 | —22.5 | —22.5 | —22.5 | —22.4 | —22.5 | —22.4 | —22.3 | —22.3 | —22.3 | —22.3 | —22.57 | —22.3 | —22.8 | 0.5 |
| 23 | —22.1 | —22.1 | —22.1 | —22.1 | —22.2 | —22.2 | —22.2 | —22.3 | —22.2 | —22.2 | —22.18 | —22.1 | —22.3 | 0.2 |
| 24 | —22.3 | —22.2 | —22.2 | —22.2 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.25 | —22.1 | —22.4 | 0.3 |
| 25 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.1 | —22.06 | —21.9 | —22.1 | 0.2 |
| 26 | —22.7 | —22.7 | —22.7 | —22.8 | —22.6 | —22.6 | —22.6 | —22.6 | —22.7 | —22.8 | —22.52 | —22.2 | —22.8 | 0.6 |
| 27 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.1 | —23.05 | —22.8 | —23.2 | 0.4 |
| 28 | —23.1 | —23.1 | —23.1 | —23.1 | —23.0 | —23.1 | —22.9 | —23.0 | —23.0 | —23.0 | —23.10 | —22.9 | —23.3 | 0.4 |
| 29 | —22.9 | —23.0 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.9 | —22.98 | —22.9 | —23.2 | 0.3 |
| 30 | —22.7 | —22.7 | —22.6 | —22.6 | —22.6 | —22.5 | —22.5 | —22.5 | —22.6 | —22.6 | —22.74 | —22.5 | —22.9 | 0.4 |
| 31 | —21.9 | —21.9 | —21.9 | —21.7 | —21.7 | —21.7 | —21.6 | —21.6 | —21.5 | —21.5 | —22.01 | —21.5 | —22.6 | 1.1 |
| Среднее Mittel | —22.57 | —22.58 | —22.56 | —22.55 | **—22.54** | —22.55 | —22.55 | —22.57 | **—22.54** | **—22.54** | —22.58 | —22.30 | —22.85 | 0.55 |

## Апрѣль 1883. / April 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —21.5 | —21.5 | —21.5 | —21.5 | —21.4 | —21.4 | —21.5 | —21.5 | —21.5 | —21.4 | —21.4 | —21.4 | —21.3 | —21.2 |
| 2 | —21.3 | —21.2 | —21.2 | —21.2 | —21.2 | —21.2 | —21.3 | —21.3 | —21.4 | —21.4 | —21.4 | —21.4 | —21.3 | —21.4 |
| 3 | —21.4 | —21.4 | —21.6 | —21.6 | —21.6 | —21.6 | —21.7 | —21.8 | —21.8 | —21.8 | —21.8 | —21.7 | —21.7 | —21.7 |
| 4 | —21.2 | —21.2 | —21.1 | —21.1 | —21.0 | —21.0 | —21.1 | —21.0 | —20.9 | —20.7 | —20.7 | —20.7 | —20.7 | —20.6 |
| 5 | —20.2 | —20.3 | —20.3 | —20.2 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 |
| 6 | —20.5 | —20.5 | —20.5 | —20.5 | —20.5 | —20.5 | —20.6 | —20.6 | —20.6 | —20.6 | —20.6 | —20.6 | —20.7 | —20.6 |
| 7 | —20.7 | —20.8 | —20.8 | —20.6 | —20.5 | —20.5 | —20.4 | —20.5 | —20.4 | —20.4 | —20.3 | —20.3 | —20.3 | —20.4 |
| 8 | —19.7 | —19.7 | —19.5 | —19.5 | —19.5 | —19.4 | —19.3 | —19.3 | —19.1 | —19.1 | —19.0 | —18.9 | —18.9 | —18.8 |
| 9 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.1 | —18.0 | —18.1 | —18.1 | —18.1 | —17.8 | —17.9 |
| 10 | —17.5 | —17.5 | —17.5 | —17.2 | —17.2 | —17.2 | —17.1 | —17.1 | —17.0 | —17.1 | —17.1 | —17.1 | —17.1 | —17.1 |
| 11 | —17.9 | —17.9 | —17.9 | —18.0 | —18.0 | —18.0 | —18.1 | —18.1 | —18.2 | —18.3 | —18.3 | —18.3 | —18.5 | —18.5 |
| 12 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.6 | —18.6 | —18.6 | —18.5 | —18.5 | —18.5 |
| 13 | —18.3 | —18.1 | —18.1 | —18.1 | —18.1 | —18.2 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.0 | —18.0 |
| 14 | —17.8 | —17.7 | —17.7 | —17.6 | —17.7 | —17.7 | —17.6 | —17.5 | —17.5 | —17.5 | —17.5 | —17.3 | —17.3 | —17.2 |
| 15 | —16.9 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —16.8 | —16.7 | —16.7 | —16.7 | —16.6 |
| 16 | —17.1 | —17.2 | —17.2 | —17.2 | —17.3 | —17.5 | —17.6 | —17.7 | —17.7 | —17.7 | —17.7 | —17.8 | —17.8 | —17.9 |
| 17 | —17.9 | —17.9 | —17.9 | —17.9 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —17.9 | —17.7 | —17.7 |
| 18 | —17.9 | —17.9 | —17.9 | —17.9 | —18.0 | —18.1 | —18.1 | —18.2 | —18.3 | —18.3 | —18.3 | —18.3 | —18.4 | —18.4 |
| 19 | —18.3 | —18.3 | —18.3 | —18.3 | —18.3 | —18.4 | —18.3 | —18.4 | —18.5 | —18.5 | —18.5 | —18.5 | —18.4 | —18.3 |
| 20 | —18.3 | —18.3 | —18.3 | —18.5 | —18.5 | —18.5 | —18.5 | —18.6 | —18.7 | —18.8 | —18.7 | —18.7 | —18.6 | —18.6 |
| 21 | —18.2 | —18.2 | —18.3 | —18.3 | —18.3 | —18.4 | —18.3 | —18.4 | —18.3 | —18.3 | —18.3 | —18.1 | —18.0 | —18.1 |
| 22 | —17.9 | —17.8 | —17.8 | —17.8 | —17.9 | —18.0 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.2 |
| 23 | —18.3 | —18.3 | —18.3 | —18.3 | —18.4 | —18.4 | —18.7 | —18.7 | —18.9 | —18.9 | —18.9 | —18.8 | —18.7 | —18.6 |
| 24 | —18.0 | —18.0 | —18.0 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.0 | —18.1 |
| 25 | —17.8 | —17.8 | —17.8 | —17.8 | —17.8 | —17.9 | —17.8 | —17.8 | —17.9 | —17.9 | —17.9 | —18.0 | —17.9 | —17.8 |
| 26 | —17.8 | —17.9 | —17.9 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.1 | —18.1 | —18.1 | —18.1 | —18.0 | —18.0 |
| 27 | —17.2 | —17.1 | —17.0 | —17.0 | —17.0 | —17.0 | —17.0 | —16.9 | —16.9 | —16.9 | —16.8 | —16.8 | —16.8 | —16.8 |
| 28 | —16.4 | —16.4 | —16.4 | —16.5 | —16.6 | —16.6 | —16.6 | —16.7 | —16.6 | —16.7 | —16.7 | —16.7 | —16.8 | —16.7 |
| 29 | —16.4 | —16.5 | —16.6 | —16.6 | —16.7 | —16.7 | —16.9 | —16.9 | —17.1 | —17.1 | —17.1 | —17.0 | —17.1 | —17.0 |
| 30 | —17.0 | —17.0 | —16.9 | —16.9 | —17.0 | —17.0 | —17.0 | —17.0 | —16.9 | —16.9 | —17.0 | —16.8 | —16.8 | —16.8 |
| Среднее Mittel | —18.54 | —18.53 | —18.53 | —18.52 | —18.55 | —18.57 | —18.59 | —18.61 | —18.61 | **—18.62** | —18.60 | —18.57 | —18.54 | —18.53 |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tages-mittel | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —21.2 | —21.2 | —21.2 | —21.2 | —21.2 | —21.2 | —21.1 | —21.3 | —21.3 | —21.3 | —21.34 | —21.1 | —21.5 | 0.4 |
| 2 | —21.3 | —21.3 | —21.3 | —21.3 | —21.3 | —21.3 | —21.4 | —21.4 | —21.4 | —21.4 | —21.32 | —21.2 | —21.4 | 0.2 |
| 3 | —21.7 | —21.7 | —21.6 | —21.5 | —21.3 | —21.4 | —21.4 | —21.4 | —21.3 | —21.2 | **—21.57** | —21.2 | **—21.8** | 0.6 |
| 4 | —20.6 | —20.5 | —20.5 | —20.5 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.3 | —20.70 | —20.3 | —21.2 | 0.9 |
| 5 | —20.3 | —20.4 | —20.3 | —20.4 | —20.5 | —20.4 | —20.4 | —20.5 | —20.7 | —20.6 | —20.35 | —20.2 | —20.7 | 0.5 |
| 6 | —20.6 | —20.6 | —20.6 | —20.6 | —20.6 | —20.7 | —20.7 | —20.7 | —20.7 | —20.7 | —20.60 | —20.5 | —20.7 | 0.2 |
| 7 | —20.2 | —20.3 | —20.1 | —20.2 | —20.0 | —19.9 | —19.9 | —19.8 | —19.7 | —19.7 | —20.28 | —19.7 | —20.8 | 1.1 |
| 8 | —18.7 | —18.7 | —18.6 | —18.5 | —18.1 | —18.1 | —18.1 | —18.1 | —18.2 | —18.2 | —18.88 | —18.1 | —19.7 | 1.6 |
| 9 | —17.9 | —17.9 | —17.8 | —17.8 | —17.7 | —17.6 | —17.6 | —17.5 | —17.5 | —17.5 | —17.87 | —17.5 | —18.1 | 0.6 |
| 10 | —17.1 | —17.1 | —17.1 | —17.1 | —17.2 | —17.2 | —17.3 | —17.5 | —17.3 | —17.6 | —17.22 | —17.0 | —17.6 | 0.6 |
| 11 | —18.5 | —18.5 | —18.6 | —18.6 | —18.8 | —18.7 | —18.7 | —18.7 | —18.7 | —18.7 | —18.35 | —17.9 | —18.8 | 0.9 |
| 12 | —18.5 | —18.5 | —18.4 | —18.4 | —18.3 | —18.3 | —18.2 | —18.3 | —18.2 | —18.2 | —18.51 | —18.2 | —18.7 | 0.5 |
| 13 | —18.0 | —18.0 | —17.9 | —17.9 | —17.9 | —17.8 | —17.7 | —17.8 | —17.7 | —17.7 | —18.00 | —17.7 | —18.3 | 0.6 |
| 14 | —17.2 | —17.2 | —17.2 | —17.1 | —17.1 | —17.0 | —17.0 | —17.0 | —16.9 | —17.0 | —17.35 | —16.9 | —17.8 | 0.9 |
| 15 | —16.6 | —16.6 | —16.7 | —16.7 | —16.7 | —16.8 | —16.8 | —16.9 | —17.0 | —17.0 | —16.78 | —16.6 | —17.0 | 0.4 |
| 16 | —18.0 | —18.1 | —18.1 | —18.0 | —17.9 | —17.9 | —17.9 | —17.9 | —17.9 | —17.9 | —17.71 | —17.1 | —18.1 | 1.0 |
| 17 | —17.7 | —17.7 | —17.6 | —17.6 | —17.5 | —17.6 | —17.7 | —17.7 | —17.7 | —17.7 | —17.81 | —17.5 | —18.0 | 0.5 |
| 18 | —18.4 | —18.4 | —18.3 | —18.3 | —18.2 | —18.3 | —18.3 | —18.3 | —18.3 | —18.3 | —18.21 | —17.9 | —18.4 | 0.5 |
| 19 | —18.3 | —18.3 | —18.3 | —18.3 | —18.2 | —18.1 | —18.1 | —18.1 | —18.2 | —18.2 | —18.31 | —18.1 | —18.5 | 0.4 |
| 20 | —18.6 | —18.5 | —18.5 | —18.5 | —18.3 | —18.3 | —18.3 | —18.3 | —18.3 | —18.3 | —18.48 | —18.3 | —18.8 | 0.5 |
| 21 | —18.1 | —18.1 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —18.0 | —17.9 | —17.9 | —18.15 | —17.9 | —18.4 | 0.5 |
| 22 | —18.2 | —18.2 | —18.1 | —18.1 | —18.0 | —18.0 | —18.1 | —18.1 | —18.2 | —18.2 | —18.05 | —17.8 | —18.2 | 0.4 |
| 23 | —18.5 | —18.5 | ...[1]) | —17.9 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.42 | —17.9 | —18.9 | 1.0 |
| 24 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —18.1 | —17.9 | —17.9 | —18.0 | —18.0 | —18.06 | —17.9 | —18.1 | 0.2 |
| 25 | —17.8 | —17.8 | —17.8 | —17.8 | —17.8 | —17.8 | —17.8 | —17.7 | —17.8 | —17.7 | —17.82 | —17.7 | —18.0 | 0.3 |
| 26 | —18.1 | —18.1 | —17.9 | —17.7 | —17.6 | —17.5 | —17.4 | —17.3 | —17.2 | —17.2 | —17.83 | —17.2 | —18.1 | 0.9 |
| 27 | —16.6 | —16.6 | —16.6 | —16.5 | —16.5 | —16.4 | —16.4 | —16.4 | —16.4 | —16.4 | —16.75 | —16.4 | —17.2 | 0.8 |
| 28 | —16.6 | —16.6 | —16.6 | —16.6 | —16.4 | —16.4 | —16.4 | —16.4 | —16.4 | —16.4 | **—16.55** | —16.4 | —16.8 | 0.4 |
| 29 | —17.0 | —17.0 | —17.0 | —17.0 | —16.9 | —16.9 | —16.8 | —16.9 | —16.9 | —16.9 | —16.88 | —16.4 | —17.1 | 0.7 |
| 30 | —16.8 | —16.6 | —16.6 | —16.5 | —16.4 | —16.4 | —16.4 | —16.3 | —16.3 | —16.2 | —16.73 | **—16.2** | —17.0 | 0.8 |
| Среднее Mittel | —18.51 | —18.50 | —18.46 | —18.42 | —18.36 | —18.35 | **—18.34** | —18.35 | —18.35 | —18.35 | —18.50 | —18.16 | —18.79 | 0.63 |

1) Очищаютъ трубу отъ снѣга.

1) Man reinigt die Röhre vom Schnee.

# Температура почвы въ глубинѣ 0.4 м.

## Май 1883.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.2 | —16.1 | —16.2 | —16.2 | —16.2 | —16.1 | —16.1 | —15.0 | —16.1 |
| 2 | —15.9 | —15.7 | —15.7 | —15.7 | —15.7 | —15.8 | —15.9 | —15.8 | —15.9 | —15.9 | —15.9 | —15.9 | —15.9 | —15.9 |
| 3 | —15.3 | —15.3 | —15.2 | —15.3 | —15.3 | —15.3 | —15.3 | —15.4 | —15.3 | —15.4 | —15.4 | —15.4 | —15.3 | —15.3 |
| 4 | —15.4 | —15.4 | —15.4 | —15.4 | —15.6 | —15.6 | —15.7 | —15 7 | —15.7 | —15.8 | —15.8 | —15.8 | —15.9 | —15.8 |
| 5 | —15.7 | —15.7 | —15.7 | —15.7 | —15.8 | —15.8 | —15.7 | —15.8 | —15.8 | —15.8 | —15.8 | —15.8 | —15.7 | —15.7 |
| 6 | —15.2 | —15.3 | —15.3 | —15.3 | —15.4 | —15.4 | —15.3 | —15.3 | —15.3 | —15.3 | —15.3 | —15.3 | —15.2 | —15.2 |
| 7 | —15.0 | —15.0 | —15.0 | —15.0 | —15.0 | —15.0 | —14.9 | —14.9 | —14.8 | —14.8 | —14.8 | —14.8 | —14.9 | —14.8 |
| 8 | —14.6 | —14.5 | —14.5 | —14.5 | —14.5 | —14.4 | —14.4 | —14.4 | —14.0 | —14.0 | —14.0 | —14.2 | —14.1 | —14.0 |
| 9 | —13.8 | —13.8 | —13.8 | —13.8 | —13.9 | —13.8 | —13.8 | —13.8 | —13.9 | —13.9 | —13.9 | —13.9 | —13.8 | —13.8 |
| 10 | —13.8 | —13.8 | —13.8 | —13.8 | —13.9 | —13.9 | —14.0 | —14.0 | —14.0 | —14.1 | —14.1 | —14.1 | —14.2 | —14.2 |
| 11 | —14.5 | —14.5 | —14.5 | —14.6 | —14.6 | —14.6 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 |
| 12 | —14.8 | —14.9 | —14.9 | —15.0 | —15.0 | —15.0 | —15.0 | —15.0 | —15.1 | —15.1 | —15.1 | —15.1 | —15.1 | —15.0 |
| 13 | —14.8 | —14.8 | —14.8 | —14.7 | —14.7 | —14.7 | —14.6 | —14.6 | —14.6 | —14.6 | —14.6 | —14.6 | —14.6 | —14.6 |
| 14 | —14.4 | —14.4 | —14.4 | —14.3 | —14.4 | —14.4 | —14.4 | —14.4 | —14.4 | —14.4 | —14.4 | —14.4 | —14.4 | —14.3 |
| 15 | —14.0 | —14.0 | —14.0 | —14.0 | —14.0 | —14.0 | —13.9 | —13.9 | —13.9 | —13.9 | —13.8 | —13.9 | —13.8 | —13.7 |
| 16 | —13.3 | —13.2 | —13.2 | —13.1 | —13.1 | —13.1 | —13.0 | —13.0 | —13.0 | —12.8 | —12.8 | —12.8 | —12.7 | —12.6 |
| 17 | —12.0 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.8 | —11.7 |
| 18 | —11.5 | —11.6 | —11.6 | —11.6 | —11.7 | —11.7 | —11.6 | —11.7 | —11.7 | —11.7 | —11.7 | —11.7 | —11.8 | —11.8 |
| 19 | —11.7 | —11.7 | —11.7 | —11.7 | —11.7 | —11.7 | —11.6 | —11.7 | —11.6 | —11.6 | —11.7 | —11.6 | —11.6 | —11.6 |
| 20 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 | —11.4 |
| 21 | —11.3 | —11.4 | —11.4 | —11.5 | —11.6 | —11.6 | —11.6 | —11.6 | —11.7 | —11.8 | —11.7 | —11.7 | —11.6 | —11.4 |
| 22 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 23 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 24 | — 9.1 | — 9.2 | — 9.4 | — 9.5 | — 9.7 | — 9.8 | — 9.9 | —10.1 | —10.1 | —10.3 | —10.4 | —10.4 | —10.4 | —10.4 |
| 25 | —10.7 | —10.8 | —10.8 | —11.0 | —11.0 | —11.0 | —11.1 | —11.1 | —11.0 | —11.0 | —11.0 | —10.9 | —10.8 | —10.7 |
| 26 | —10.0 | —10.0 | —10.0 | —10.0 | —10.1 | —10.1 | —10.1 | —10.1 | —10.1 | —10.1 | —10.0 | —10.0 | — 9.9 | — 9.5 |
| 27 | — 9.1 | — 9.2 | — 9.3 | — 9.3 | — 9.3 | — 9.1 | — 9.2 | — 9.1 | — 9.0 | — 8.9 | — 9.1 | — 9.1 | — 9.0 | — 8.9 |
| 28 | — 8.4 | — 8.2 | — 8.2 | — 8.2 | — 8.4 | — 8.3 | — 8.2 | — 8.2 | — 8.3 | — 8.2 | — 8.3 | — 8.3 | ...[2]) | .... |
| 29 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 30 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 31 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| Среднее Mittel | **—13.15** | —13.15 | —13.15 | —13.17 | —13.22 | —13.21 | —13.20 | —13.22 | —13.21 | —13.22 | —13.22 | —13.22 | —13.35 | —13.33 |



# Bodentemperatur in 0.4 m. Tiefe.

## Mai 1883.

Mittlere Ortszeit.

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —15.9 | —15.9 | —15.9 | —15.8 | —15.7 | —15.7 | —15.7 | —15.7 | —15.7 | —15.6 | **—15.95** | —15.0 | **—16.2** | 1.2 |
| 2 | —15.8 | —15.7 | —15.7 | —15.5 | —15.5 | —15.4 | —15.3 | —15.3 | —15.3 | —15.3 | —15.68 | —15.3 | —15.9 | 0.6 |
| 3 | —15.3 | —15.3 | —15.3 | —15.2 | —15.2 | —15.2 | —15.2 | —15.2 | —15.3 | —15.3 | —15.29 | —15.2 | —15.4 | 0.2 |
| 4 | —15.8 | —15.8 | —15.8 | —15.8 | —15.8 | —15.8 | —15.7 | —15.7 | —15.7 | —15.7 | —15.69 | —15.4 | —15.9 | 0.5 |
| 5 | —15.7 | —15.7 | —15.5 | —15.5 | —15.4 | —15.4 | —15.2 | —15.2 | —15.2 | —15.2 | —15.60 | —15.2 | —15.8 | 0.6 |
| 6 | —15.1 | —15.0 | —15.0 | —15.0 | —14.9 | —14.9 | —15.0 | —14.9 | —14.9 | —14.8 | —15.15 | —14.8 | —15.4 | 0.6 |
| 7 | —14.8 | —14.8 | —14.8 | —14.7 | —14.7 | —14.7 | —14.6 | —14.6 | —14.6 | —14.6 | —14.82 | —14.6 | —15.0 | 0.4 |
| 8 | —14.0 | —14.0 | —14.0 | —13.9 | —13.8 | —13.8 | —13.8 | —13.8 | —13.8 | —13.8 | —14.12 | —13.8 | —14.6 | 0.8 |
| 9 | —13.8 | —13.8 | —13.7 | —13.7 | —13.7 | —13.7 | —13.7 | —13.7 | —13.7 | —13.7 | —13.79 | —13.7 | —13.9 | 0.2 |
| 10 | —14.2 | —14.2 | —14.3 | —14.3 | —14.4 | —14.4 | —14.3 | —14.3 | —14.4 | —14.4 | —14.12 | —13.8 | —14.4 | 0.6 |
| 11 | —14.8 | —14.9 | —14.9 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.8 | —14.75 | —14.5 | —14.9 | 0.4 |
| 12 | —15.0 | —15.0 | —14.9 | —14.9 | —14.8 | —14.8 | —14.9 | —14.8 | —14.8 | —14 8 | —14.95 | —14.8 | —15.1 | 0.3 |
| 13 | —14.6 | —14.6 | —14.6 | —14.5 | —14.5 | —14.5 | —14.4 | —14.4 | —14.4 | —14.4 | —14.59 | —14.4 | —14.8 | 0.4 |
| 14 | —14.3 | —14.2 | —14.2 | —14.2 | —14.2 | —14.1 | —14.0 | —14.0 | —14.0 | —14.0 | —14.28 | —14.0 | —14.4 | 0.4 |
| 15 | —13.8 | —13.7 | —13.7 | —13.6 | —13.6 | —13.5 | —13.5 | —13.4 | —13.4 | —13.4 | —13.77 | —13.4 | —14.0 | 0.6 |
| 16 | —12.4 | —12.4 | —12.3 | —12.2 | —12.2 | —12.1 | —12.1 | —12.1 | —12.0 | —12.0 | —12.65 | —12.0 | —13.3 | 1.3 |
| 17 | —11.7 | —11.7 | —11.7 | —11.7 | —11.6 | —11.6 | —11.6 | —11.6 | —11.6 | —11.6 | —11.74 | —11.6 | —12 0 | 0.4 |
| 18 | —11.8 | —11.8 | —11.8 | —11.8 | —11.7 | —11.7 | —11.7 | —11.6 | —11.6 | —11.7 | —11.69 | —11.5 | —11.8 | 0.3 |
| 19 | —11.6 | —11.6 | —11.5 | —11.5 | —11.5 | —11.5 | —11.5 | —11.5 | —11.4 | —11.4 | —11.59 | —11.4 | —11.7 | 0.3 |
| 20 | —11.4 | —11.4 | —11.2 | —11.2 | —11.3 | —11.3 | —11.1 | —11.2 | —11.2 | —11.2 | —11.34 | —11.1 | —11.4 | 0.3 |
| 21 | ...[1]) | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 22 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 23 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 24 | —10.4 | —10.4 | —10.2 | —10.2 | —10.2 | —10.3 | —10.4 | —10.4 | —10.5 | —10.6 | —10.10 | — 9.1 | —10.6 | 1.5 |
| 25 | —10.6 | —10.4 | —10.4 | —10.2 | —10.2 | — 9.9 | — 9.9 | —10.0 | — 9.9 | —10.0 | —10.60 | — 9.9 | —11.1 | 1.2 |
| 26 | — 9.7 | — 9.6 | — 9.5 | — 9.5 | — 9.5 | — 9.3 | — 9.1 | — 9.0 | — 9.1 | — 9.1 | — 9.73 | — 9.0 | —10.1 | 1.1 |
| 27 | — 8.8 | — 8.9 | — 8.5 | — 8.6 | — 8.6 | — 8.6 | — 8.5 | — 8.3 | — 8.3 | — 8.3 | **— 8.88** | **— 8.3** | — 9.3 | 1.0 |
| 28 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 29 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 30 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| 31 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... | .... | .... | ... |
| Среднее Mittel | **—13.39** | —13.37 | —13.31 | —13.26 | —13.24 | —13.21 | —13.17 | **—13.15** | —13.15 | —13.15 | —13.37 | —12.99 | —13.63 | 0.64 |

## Іюнь 1883. — Juni 1883.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 3.1 | — 3.2 | — 3.2 | — 3.2 | — 3.2 | — 3.1 | — 2.9 | — 3.0 | — 3.1 | — 3.1 | — 3.1 | — 3.2 | — 3.0 | — 3.1 |
| 2 | — 3.2 | — 3.1 | — 3.2 | — 3.0 | — 3.1 | — 2.9 | — 2.9 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 |
| 3 | — 3.0 | — 2.9 | — 2.9 | — 2.9 | — 2.8 | — 2.9 | — 2.9 | — 3.0 | — 2.9 | — 2.8 | — 2.8 | — 2.9 | — 2.9 | — 2.8 |
| 4 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.9 | — 2.8 | — 2.8 | — 2.8 | — 2.6 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 |
| 5 | — 2.7 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.7 | — 2.8 | — 2.8 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.7 |
| 6 | — 2.7 | — 2.6 | — 2.6 | — 2.6 | — 2.7 | — 2.7 | — 2.6 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.7 | — 2.6 |
| 7 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.7 | — 2.5 | — 2.6 | — 2.6 | — 2.5 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.8 |
| 8 | — 2.8 | — 2.6 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.9 | — 2.9 | — 2.8 | — 2.8 | — 2.9 | — 2.9 |
| 9 | — 2.8 | — 2.8 | — 2.9 | — 2.9 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.1 | — 3.0 | — 3.1 |
| 10 | — 3.1 | — 3.1 | — 3.1 | — 3.2 | — 3.2 | — 3.2 | — 3.3 | — 3.3 | — 3.5 | — 3.2 | — 3.5 | — 3.5 | — 3.3 | — 3.5 |
| 11 | — 3.1 | — 3.1 | — 3.1 | — 3.1 | — 3.1 | — 3.1 | — 3.0 | — 3.2 | — 3.0 | — 3.0 | — 3.0 | — 2.8 | — 3.0 | — 3.3 |
| 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 16 | — 1.0 | — 1.0 | — 0.5 | — 1.2 | — 1.2 | — 1.4 | — 0.8 | — 1.4 | — 1.4 | — 1.6 | — 1.3 | — 1.1 | — 1.3 | — 1.4 |
| 17 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.1 | — 2.0 | — 2.0 | — 2.1 | — 2.1 | — 2.1 | — 2.1 | — 2.1 |
| 18 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.4 | — 2.2 | — 2.2 | — 2.3 | — 2.4 | — 2.4 | — 2.1 | — 2.3 | — 2.2 | — 2.3 |
| 19 | — 2.0 | — 2.0 | — 2.1 | — 2.0 | — 2.1 | — 2.1 | — 2.1 | — 2.1 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 2.0 | — 1.8 |
| 20 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.6 | — 1.9 | — 1.9 | — 1.9 | — 1.8 | — 1.8 | — 1.6 | — 1.6 | — 1.6 | — 1.5 |
| 21 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.1 | — 1.0 | — 1.1 |
| 22 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.0 |
| 23 | — 1.0 | — 1.0 | — 0.9 | — 0.9 | — 1.0 | — 0.9 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 0.8 | — 0.8 |
| 24 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 0.7 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.1 | — 1.0 |
| 25 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 0.8 | — 0.6 | — 0.9 | — 0.9 | — 0.9 | — 0.8 |
| 26 | + 1.8 | + 1.6 | + 1.5 | + 1.5 | + 1.4 | + 2.4 | + 1.1 | + 1.7 | + 0.9 | + 1.0 | + 0.9 | + 1.0 | + 1.2 | + 1.3 |
| 27 | + 0.7 | + 0.7 | + 0.7 | + 0.7 | + 0.7 | + 1.3 | + 0.7 | + 1.0 | + 1.1 | + 0.9 | + 1.0 | + 1.0 | + 1.1 | + 1.1 |
| 28 | + 1.3 | + 1.2 | + 1.2 | + 1.3 | + 1.2 | + 1.0 | + 1.6 | + 1.2 | + 1.1 | + 1.1 | + 1.5 | + 1.1 | + 1.1 | + 1.7 |
| 29 | + 1.2 | + 1.1 | + 1.3 | + 1.1 | + 1.3 | + 2.1 | + 1.3 | + 1.6 | + 2.0 | + 2.1 | + 1.4 | + 1.4 | + 2.1 | + 2.1 |
| 30 | + 1.2 | + 1.2 | + 1.2 | + 1.0 | + 1.1 | + 1.0 | + 1.5 | + 1.3 | + 1.1 | + 0.9 | + 0.9 | + 0.9 | + 0.7 | + 0.7 |
| Среднее Mittel | — 1.55 | — 1.55 | — 1.55 | — 1.58 | — 1.58 | — 1.49 | — 1.53 | **— 1.62** | — 1.57 | — 1.57 | — 1.57 | — 1.58 | — 1.53 | — 1.52 |

| Число. Datum. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Суточныя среднія. Tagesmittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.2 | — 3.2 | — 3.2 | — 3.0 | — 3.1 | — 3.1 | — 3.10 | — 2.9 | — 3.2 | 0.3 |
| 2 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.1 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 3.02 | — 2.9 | — 3.2 | 0.3 |
| 3 | — 2.8 | — 2.9 | — 2.9 | — 2.9 | — 2.9 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.87 | — 2.8 | — 3.0 | 0.2 |
| 4 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.7 | — 2.7 | — 2.8 | — 2.8 | — 2.79 | — 2.6 | — 2.9 | 0.3 |
| 5 | — 2.7 | — 2.7 | — 2.6 | — 2.6 | — 2.6 | — 2.7 | — 2.8 | — 2.7 | — 2.7 | — 2.7 | — 2.72 | — 2.6 | — 2.8 | 0.2 |
| 6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.6 | — 2.64 | — 2.6 | — 2.7 | 0.1 |
| 7 | — 2.8 | — 2.8 | — 2.7 | — 2.7 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.8 | — 2.68 | — 2.5 | — 2.8 | 0.3 |
| 8 | — 2.9 | — 2.9 | — 2.8 | — 3.0 | — 2.8 | — 2.8 | — 2.9 | — 2.8 | — 2.8 | — 2.8 | — 2.83 | — 2.6 | — 3.0 | 0.4 |
| 9 | — 3.0 | — 3.0 | — 3.0 | — 3.1 | — 2.9 | — 3.1 | — 3.0 | — 3.0 | — 3.0 | — 3.0 | — 2.99 | — 2.8 | — 3.1 | 0.3 |
| 10 | — 3.5 | — 3.2 | — 3.2 | — 3.2 | — 3.2 | — 3.3 | — 3.3 | — 3.3 | — 3.2 | — 3.2 | **— 3.28** | — 3.1 | **— 3.5** | 0.4 |
| 11 | — 3.2 | ..[3]) | ... | ... | ... | ... | ... | ... | ... | ... | .... | ... | ... | ... |
| 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | ... | ... | ... |
| 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | ... | ... | ... |
| 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | ... | ... | ... |
| 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | ... | ... | ... |
| 16 | — 1.6 | — 1.6 | — 1.7 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.9 | — 2.0 | — 2.0 | — 1.44 | — 0.5 | — 2.0 | 1.5 |
| 17 | — 2.2 | — 2.2 | — 2.2 | — 2.1 | — 2.2 | — 2.1 | — 2.2 | — 2.3 | — 2.3 | — 2.3 | — 2.11 | — 2.0 | — 2 3 | 0.3 |
| 18 | — 2.4 | — 1.8 | — 1.1 | — 2.0 | — 2.1 | — 1.9 | — 2.4 | — 2.0 | — 2.1 | — 2.1 | — 2.18 | — 1.1 | — 2.4 | 1.3 |
| 19 | — 1.9 | — 1.9 | — 1.9 | — 1.9 | — 1.8 | — 1.9 | — 1.8 | — 1.8 | — 1.8 | — 1.8 | — 1.95 | — 1.8 | — 2.1 | 0.3 |
| 20 | — 1.4 | — 1.4 | — 1.3 | — 1.3 | — 1.2 | — 1.2 | — 1.2 | — 1.3 | — 1.3 | — 1.3 | — 1.57 | — 1.2 | — 1.9 | 0.7 |
| 21 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.1 | — 1.14 | — 1.0 | — 1.2 | 0.2 |
| 22 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 1.0 | — 0.9 | — 0.8 | — 0.8 | — 0.8 | — 0.8 | — 1.00 | — 0.8 | — 1.1 | 0.3 |
| 23 | — 0.8 | — 0.8 | — 0.8 | — 0.9 | — 0.9 | — 0.9 | — 0.9 | — 0.9 | — 0.9 | — 0.9 | — 0.92 | — 0.8 | — 1.0 | 0.2 |
| 24 | — 1.1 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.2 | — 1.05 | — 0.7 | — 1.2 | 0.5 |
| 25 | — 0.8 | — 0.8 | — 0.8 | — 0.7 | — ..[4]) | ... | ... | ... | ... | ... | — 0.37 | — 0.6 | — 1.2 | 0.6 |
| 26 | + 1.3 | + 1.0 | + 1.1 | + 1.0 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + 0.8 | + 0.7 | + 1.24 | **+ 2.4** | + 0.7 | 1.7 |
| 27 | + 1.1 | + 1.9 | + 1.3 | + 1.3 | + 0.9 | + 1.0 | + 1.9 | + 2.1 | + 1.5 | + 1.3 | + 1.13 | + 2.1 | + 0.7 | 1.4 |
| 28 | + 1.5 | + 1.0 | + 1.4 | + 1.4 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.3 | + 1.4 | + 1.32 | + 1.7 | + 1.0 | 0.7 |
| 29 | + 1.5 | + 1.5 | + 1.7 | + 1.5 | + 1.5 | + 1.5 | + 1.3 | + 1.4 | + 1.3 | + 1.3 | **+ 1.53** | + 2.1 | + 1.1 | 1.0 |
| 30 | + 0.7 | + 0.6 | + 0.7 | + 0.6 | + 0.6 | + 0.7 | + 1.1 | + 1.1 | + 1.1 | + 0.8 | + 0.95 | + 1.5 | + 0.6 | 0.9 |
| Среднее Mittel | — 1.56 | — 1.47 | **— 1.42** | — 1.48 | — 1.52 | — 1.51 | — 1.48 | — 1.45 | — 1.51 | — 1.53 | — 1.46 | — 1.12 | — 1.70 | 0.58 |

1), 2) Труба наполнена водою.
3), 4) Исправленія у трубы.

1), 2) Die Röhre war mit Wasser angefüllt.
3), 4) Reparaturen an der Röhre.

# Температура почвы въ глубинѣ 0,4 м.

## Іюль 1883.

Среднее мѣстное время.

| Число. Datum. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полдень. Mittag. | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 0.7 | + 0.7 | + 0.7 | + 0.7 | + 0.7 | + 0.6 | + 0.7 | + 0.5 | + 0.7 | + 0.6 | + 0.7 | + 0.8 | + 1.1 | + 0.6 |
| 2 | + 0.6 | + 0.6 | + 0.6 | + 0.6 | + 0.6 | + 1.1 | + 0.5 | + 0.7 | + 0.5 | + 0.5 | + 0.5 | + 0.5 | + 0.7 | + 0.9 |
| 3 | + 1.3 | + 1.3 | + 1.1 | + 1.1 | + 1.2 | + 1.1 | + 1.1 | + 1.0 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.2 | + 1.3 |
| 4 | + 1.7 | + 1.5 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.3 | + 1.2 | + 1.1 | + 1.2 | + 1.2 | + 1.1 | + 1.3 |
| 5 | + 1.5 | + 1.5 | + 1.4 | + 1.4 | + 1.2 | + 1.1 | + 1.1 | + 1.2 | + 1.3 | + 1.1 | + 1.1 | + 1.1 | + 1.3 | + 1.4 |
| 6 | + 1.5 | + 1.4 | + 1.5 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.1 | + 1.3 | + 1.1 | + 1.2 | + 1.3 | + 1.3 |
| 7 | + 2.0 | + 2.0 | + 2.1 | + 1.9 | + 1.8 | + 1.8 | + 1.7 | + 1.8 | + 1.7 | + 1.8 | + 1.7 | + 1.7 | + 1.9 | + 2.0 |
| 8 | + 2.5 | + 2.4 | + 2.3 | + 2.3 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.6 | + 2.3 | + 2.2 | + 2.3 | + 2.3 |
| 9 | + 2.7 | + 2.9 | + 2.8 | + 2.6 | + 2.6 | + 2.5 | + 3.1 | + 2.5 | + 2.5 | + 2.4 | + 2.4 | + 2.3 | + 2.3 | + 2.9 |
| 10 | + 2.7 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.6 | + 2.6 | + 2.7 | + 2.8 | + 2.7 | + 2.7 | + 2.8 |
| 11 | + 2.9 | + 2.9 | + 2.7 | + 2.7 | + 2.6 | + 2.5 | + 2.5 | + 2.4 | + 2.3 | + 2.4 | + 2.3 | + 2.5 | + 2.5 | + 2.5 |
| 12 | + 2.9 | + 3.0 | + 3.0 | + 3.0 | + 2.8 | + 3.3 | + 2.6 | + 2.6 | + 2.9 | + 2.6 | + 2.5 | + 2.5 | + 2.5 | + 2.5 |
| 13 | + 2.5 | + 2.4 | + 2.3 | + 2.3 | + 2.3 | + 2.2 | + 2.2 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.2 | + 2.2 |
| 14 | + 2.2 | + 2.2 | + 2.1 | + 2.1 | + 2.0 | + 1.9 | + 1.9 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.7 | + 1.7 |
| 15 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.7 | + 1.7 | + 1.6 | + 1.7 | + 1.6 | + 1.6 | + 1.7 | + 1.7 | + 2.0 | + 1.7 |
| 16 | + 1.9 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.6 |
| 17 | + 2.1 | + 2.0 | + 2.0 | + 2.0 | + 1.9 | + 2.0 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 2.0 | + 2.1 | + 2.2 | + 2.5 |
| 18 | + 4.1 | + 3.9 | + 3.9 | + 3.8 | + 3.7 | + 3.5 | + 3.5 | + 3.4 | + 3.5 | + 3.4 | + 3.3 | + 3.3 | + 3.2 | + 3.2 |
| 19 | + 3.5 | + 3.5 | + 3.5 | + 3.4 | + 3.3 | + 3.4 | + 3.2 | + 3.1 | + 3.1 | + 3.3 | + 3.2 | + 3.3 | + 3.3 | + 3.5 |
| 20 | + 3.9 | + 3.9 | + 3.9 | + 3.8 | + 3.5 | + 3.5 | + 3.4 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.5 |
| 21 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.5 | + 3.5 | + 3.9 | + 3.4 | + 3.3 | + 3.5 | + 3.4 | + 3.4 | + 3.4 | + 3.5 |
| 22 | + 3.9 | + 3.8 | + 3.8 | + 3.8 | + 3.7 | + 3.5 | + 3.5 | + 3.4 | + 3.4 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.3 |
| 23 | + 3.8 | + 3.7 | + 3.7 | + 3.6 | + 3.5 | + 3.5 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.5 | + 3.5 | + 3.6 |
| 24 | + 4.1 | + 4.1 | + 4.1 | + 4.1 | + 3.9 | + 3.8 | + 3.7 | + 3.8 | + 3.8 | + 3.9 | + 4.4 | + 4.0 | + 4.1 | + 4.2 |
| 25 | + 4.9 | + 4.8 | + 4.9 | + 4.7 | + 4.7 | + 4.6 | + 4.5 | + 4.3 | + 4.3 | + 4.2 | + 4.1 | + 4.1 | + 4.1 | + 4.1 |
| 26 | + 3.6 | + 3.6 | + 3.6 | + 3.5 | + 3.3 | + 3.2 | + 3.3 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 2.9 | + 2.9 | + 2.9 |
| 27 | + 2.9 | + 2.7 | + 2.7 | + 2.5 | + 2.5 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.2 | + 2 2 | + 2.2 |
| 28 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 1.9 | + 1.9 | + 1.9 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.9 | + 1.9 |
| 29 | + 1 9 | + 1.9 | + 1.9 | + 1.9 | + 1.7 | + 1.8 | + 2.0 | + 1.7 | + 1.9 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.7 |
| 30 | + 1.8 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.6 | + 1.8 | + 1.7 | + 1.6 | + 1.7 | + 1.6 | + 1.6 |
| 31 | + 1.7 | + 1.7 | + 1.9 | + 1.7 | + 1.7 | + 1.7 | + 1.5 | + 1.5 | + 1.7 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.5 |
| Среднее Mittel | + 2.56 | + 2.52 | + 2.50 | + 2.45 | + 2.35 | + 2.34 | + 2.30 | + **2.23** | + 2.25 | + 2.25 | + **2.23** | + **2.23** | + 2.37 | + 2.33 |

## Августъ 1883.

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 |
| 2 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 |
| 3 | + 1.4 | + 1.4 | + 1.4 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 |
| 4 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.6 | + 1.5 | + 1.6 | + 1.8 | + 1.7 |
| 5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.4 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.3 | + 2.4 |
| 6 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 2.9 | + 3.0 | + 3.1 | + 2.8 | + 2.8 | + 2.8 | + 2.8 | + 2.8 | + **2.7** | + 2.9 |
| 7 | + 3.1 | + 3.1 | + 3.0 | + 3.0 | + 2.8 | + 2.8 | + 2.7 | + 2.7 | + 2.6 | + 2.5 | + 2.4 | + 2.4 | + 2.4 | + 2.3 |
| 8 | + 2.5 | + 2.5 | + 2.5 | + 2.4 | + 2.4 | + 2.3 | + 2.3 | + 2.3 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.0 |
| 9 | + 2.1 | + 2.1 | + 2.0 | + 2.0 | + 1.9 | + 1.9 | + 1 8 | + 1.8 | + 1.8 | + 1.8 | + 1.8 | + 1.7 | + 1.7 | + 1.7 |
| 10 | + 2.0 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.8 | + 1.8 | + 1.9 | + 1.8 | + 1.8 | + 1.8 | + 1.9 | + 1.9 |
| 11 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.2 | + 2.2 | + 2.2 | + 2.2 | + 2.4 |
| 12 | + 2.7 | + 2.7 | + 2.7 | + 2.6 | + 2.5 | + 2.5 | + 2.6 | + 2.5 | + 2.5 | + 2.4 | + 2.3 | + 2.3 | + 2.3 | + 2.3 |
| 13 | + 2.6 | + 2.7 | + 2.5 | + 2.5 | + 2.4 | + 2.4 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.5 |
| 14 | + 2.7 | + 2.7 | + 2.7 | + 2.6 | + 2.7 | + 2.5 | + 2 5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.7 | + 2.6 |
| 15 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.2 | + 3.3 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 3.1 |
| 16 | + 3.3 | + 3.3 | + 3.2 | + 3.2 | + 3.2 | + 3.1 | + 3.1 | + 3.0 | + 2.9 | + 2.9 | + 2.9 | + 3.0 | + 3.1 | + 3.1 |
| 17 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 |
| 18 | + 3.5 | + 3.5 | + 3.3 | + 3.3 | + 3.1 | + 3.1 | + 3.0 | + 3.0 | + 2.9 | + 2.7 | + 2.8 | + 2.8 | + 2.6 | + 2.5 |
| 19 | + 2.3 | + 2.3 | + 2.2 | + 2.1 | + 2.1 | + 2.0 | + 1.9 | + 1.9 | + 1.9 | + 1.8 | + 1.8 | + 1.7 | + 1.7 | + 1.7 |
| 20 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.4 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.3 | + 1.2 |
| 21 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.3 | + 1.3 | + 1.3 | + 1.3 |
| 22 | + 1.7 | + 1.7 | + 1.7 | + 1.8 | + 1.7 | + 1.6 | + 1.7 | + 1.6 | + 1.6 | + 1.5 | + 1.5 | + 1.6 | + 1.6 | + 1.6 |
| 23 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.8 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.7 | + 1.7 |
| 24 | + 2.1 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.7 | + 1.8 | + 1.7 | + 1.8 | + 1.7 | + 1.7 | + 1.7 | + 1.7 |
| 25 | + 1.6 | + 1.7 | + 1.6 | + 1.6 | + 1.5 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + 1.1 |
| 26 | + 1.3 | + 1.3 | + 1.3 | + 1.2 | + 1.3 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.0 | + 1.0 | + 1.0 |
| 27 | + 1.3 | + 1.3 | + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 |
| 28 | + 1.4 | + 1.4 | + 1.4 | + 1.3 | + 1.4 | + 1.4 | + 1.3 | + 1.2 | + 1.3 | + 1.2 | + 1.2 | + 1.2 | + 1.2 | + 1.3 |
| 29 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.4 | + 1.5 | + 1.5 |
| 30 | + 2.0 | + 2.0 | + 2.0 | + 1.9 | + 2.0 | + 2.1 | + 1.9 | + 2.0 | + 1.9 | + 1.9 | + 1.8 | + 1.8 | + 1.9 | + 1.9 |
| 31 | + 2.1 | + 2.1 | + 2.1 | + 2.2 | + 2.1 | + 2.1 | + 2.1 | + 2.0 | + 1.9 | + 2.0 | + 2.0 | + 2.0 | + 2.0 | + 2.1 |
| Среднее Mittel | + 2.19 | + 2.18 | + 2.15 | + 2.13 | + 2.08 | + 2.04 | + 2.00 | + 1.97 | + 1.95 | + 1.93 | + 1.92 | + **1.91** | + 1.92 | + 1.94 |



# Bodentemperatur in 0.4 m. Tiefe.

## Juli 1883.

Mittlere Ortszeit.

| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Suturnal-Tagesmittel. | Maximum. | Minimum. | Differenz. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + 0.7 | + 0.7 | + 0.7 | + 0.7 | + 0.7 | + 0.6 | + 0.7 | + 0.7 | + 0.7 | + 0.7 | + **0.70** | + 1.1 | + **0.5** | 0.6 |
| + 0.9 | + 1.0 | + 1.1 | + 1.3 | + 1.3 | + 1.3 | + 1.5 | + 1.3 | + 1.4 | + 1.4 | + 0.89 | + 1.5 | + **0.5** | 1.0 |
| + 2.0 | + 2.1 | + 2.3 | + 2.4 | + 2.5 | + 2.7 | + 2.6 | + 2.6 | + 2.6 | + 2.5 | + 2.09 | + 2.7 | + 1.7 | 1.0 |
| + 2.5 | + 2.4 | + 2.6 | + 2.7 | + 2.7 | + 2.7 | + 2.8 | + 2.9 | + 2.8 | + 2.8 | + 2.44 | + 2.9 | + 2.1 | 0.8 |
| + 2.3 | + 2.2 | + 2.3 | + 2.3 | + 2.3 | + 2.5 | + 2.5 | + 2.5 | + 2.6 | + 2.7 | + 2.53 | + 3.1 | + 2.2 | 0.9 |
| + 2.9 | + 2.9 | + 2.9 | + 2.9 | + 2.9 | + 2.9 | + 2.9 | + 3.0 | + 2.9 | + 2.9 | + 2.74 | + 3.0 | + 2.5 | 0.5 |
| + 2.5 | + 2.6 | + 2.7 | + 2.7 | + 2.8 | + 2.9 | + 2.9 | + 2.9 | + 3.0 | + 2.9 | + 2.65 | + 3.0 | + 2.3 | 0.7 |
| + 2.5 | + 2.5 | + 2.5 | + 2.6 | + 2.6 | + 2.7 | + 2.5 | + 2.8 | + 2.7 | + 2.5 | + 2.69 | + 3.8 | + 2.5 | 0.8 |
| + 2.2 | + 2.2 | + 2.5 | + 2.2 | + 2.2 | + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.2 | + 2.24 | + 2.5 | + 2.1 | 0.4 |
| + 1.7 | + 1.7 | + 1.8 | + 1.8 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.88 | + 2.2 | + 1.7 | 0.5 |
| + 1.7 | + 1.7 | + 1.7 | + 1.8 | + 2.0 | + 2.0 | + 2.0 | + 1.9 | + 1.9 | + 1.9 | + 1.78 | + 2.0 | + 1.6 | 0.4 |
| + 1.7 | + 1.7 | + 1.7 | + 1.9 | + 1.9 | + 2.0 | + 2.1 | + 2.2 | + 2.1 | + 2.0 | + 1.78 | + 2.2 | + 1.6 | 0.6 |
| + 2.6 | + 2.8 | + 2.9 | + 3.2 | + 3.3 | + 3.6 | + 3.9 | + 4.0 | + 4.0 | + 4.0 | + 2.61 | + 4.0 | + 1.9 | 2.1 |
| + 3.3 | + 3.4 | + 3.5 | + 3.6 | + 3.6 | + 3.5 | + 3.7 | + 3.7 | + 3.7 | + 3.7 | + 3.56 | + 4.1 | + 3.2 | 0.9 |
| + 3.5 | + 3.6 | + 3.9 | + 3.7 | + 3.8 | + 3.9 | + 3.8 | + 3.9 | + 3.9 | + 3.9 | + 3.51 | + 3.9 | + 3.1 | 0.8 |
| + 3.7 | + 3.8 | + 3.9 | + 4.0 | + 4.0 | + 4.0 | + 4.1 | + 4.1 | + 4.1 | + 4.0 | + 3.70 | + 4.1 | + 3.3 | 0.8 |
| + 3.5 | + 3.8 | + 3.8 | + 3.8 | + 3.9 | + 3.9 | + 4.1 | + 4.0 | + 3.9 | + 3.8 | + 3.70 | + 4.1 | + 3.3 | 0.8 |
| + 3.3 | + 3.4 | + 3.5 | + 3.6 | + 3.7 | + 3.7 | + 3.7 | + 3.7 | + 3.8 | + 4.1 | + 3.58 | + 4.1 | + 3.3 | 0.8 |
| + 3.8 | + 3.9 | + 4.0 | + 4.0 | + 4.1 | + 4.1 | + 4.3 | + 4.3 | + 4.3 | + 4.3 | + 3.75 | + 4.3 | + 3.3 | 1.0 |
| + 4.4 | + 4.5 | + 4.5 | + 4.7 | + 4.9 | + 4.9 | + 5.0 | + 5.1 | + 5.1 | + 4.9 | + **4.33** | + **5.1** | + 3.7 | 1.4 |
| + 4.1 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.8 | + 3.8 | + 3.7 | + 3.7 | + 3.7 | + 4.20 | + 4.9 | + 3.7 | 1.2 |
| + 2.9 | + 2.8 | + 3.1 | + 2.9 | + 2.9 | + 2.9 | + 2.9 | + 2.8 | + 2.8 | + 2.8 | + 3.08 | + 3.6 | + 2.8 | 0.8 |
| + 2.3 | + 2.5 | + 2.7 | + 2.8 | + 2.8 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.34 | + 2.9 | + 2.1 | 0.8 |
| + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.8 | + 1.9 | + 1.9 | + 1.8 | + 2.0 | + 1.9 | + 1.90 | + 2.0 | + 1.8 | 0.2 |
| + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.8 | + 1.8 | + 1.76 | + 2.0 | + 1.6 | 0.4 |
| + 1.6 | + 1.6 | + 1.6 | + 1.6 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.67 | + 1.8 | + 1.6 | 0.2 |
| + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.6 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.6 | + 1.58 | + 1.9 | — 1.5 | 0.4 |
| + 2.36 | + 2.41 | + 2.49 | + 2.52 | + 2.56 | + 2.59 | + 2.64 | + **2.68** | + 2.66 | + 2.63 | + 2.43 | + 2.92 | + 2.12 | 0.80 |

## August 1883.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + 1.3 | + 1.3 | + 1.5 | + 1.3 | + 1.3 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.35 | + 1.5 | + 1.3 | 0.2 |
| + 1.1 | + 1.1 | + 1.1 | + 1.2 | + 1.1 | + 1.3 | + 1.5 | + 1.5 | + 1.3 | + 1.3 | + 1.22 | + 1.5 | + 1.1 | 0.4 |
| + 1.3 | + 1.3 | + 1.4 | + 1.4 | + 1.5 | + 1.5 | + 1.6 | + 1.6 | + 1.7 | + 1.7 | + 1.40 | + 1.7 | + 1.2 | 0.5 |
| + 1.7 | + 1.8 | + 1.9 | + 1.9 | + 2.0 | + 2.1 | + 2.3 | + 2.3 | + 2.3 | + 2.4 | + 1.82 | + 2.4 | + 1.5 | 0.9 |
| + 2.5 | + 2.7 | + 2.7 | + 2.8 | + 2.9 | + 2.9 | + 3.0 | + 3.0 | + 3.1 | + 3.1 | + 2.64 | + 3.1 | + 2.3 | 0.8 |
| + 2.9 | + 2.9 | + 2.9 | + 3.0 | + 3.0 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 2.97 | + 3.1 | + 2.7 | 0.4 |
| + 2.4 | + 2.4 | + 2.4 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.60 | + 3.1 | + 2.3 | 0.8 |
| + 2.0 | + 2.0 | + 2.0 | + 2.1 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.18 | + 2.5 | + 2.0 | 0.5 |
| + 1.7 | + 1.7 | + 1.8 | + 1.8 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 2.0 | + 1.86 | + 2.1 | + 1.7 | 0.4 |
| + 1.9 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.2 | + 2.4 | + 2.4 | + 2.5 | + 2.4 | + 2.01 | + 2.5 | + 1.8 | 0.7 |
| + 2.3 | + 2.4 | + 2.4 | + 2.5 | + 2.5 | + 2.5 | + 2.6 | + 2.6 | + 2.7 | + 2.7 | + 2.41 | + 2.7 | + 2.2 | 0.5 |
| + 2.3 | + 2.3 | + 2.3 | + 2.3 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.6 | + 2.6 | + 2.47 | + 2.7 | + 2.3 | 0.4 |
| + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.5 | + 2.6 | + 2.8 | + 2.7 | + 2.8 | + 2.7 | + 2.49 | + 2.8 | + 2.3 | 0.5 |
| + 2.6 | + 2.7 | + 2.8 | + 2.8 | + 2.9 | + 2.9 | + 3.0 | + 3.1 | + 3.1 | + 3.3 | + 2.73 | + 3.3 | + 2.5 | 0.8 |
| + 3.1 | + 3.1 | + 3.1 | + 3.1 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.3 | + 3.20 | + 3.3 | + 3.1 | 0.2 |
| + 3.2 | + 3.3 | + 3.4 | + 3.5 | + 3.5 | + 3.5 | + 3.7 | + 3.8 | + 3.9 | + 3.9 | + 3.29 | + **3.9** | + 2.9 | 1.0 |
| + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.9 | + 3.7 | + 3.7 | + 3.6 | + 3.6 | + **3.86** | + **3.9** | + 3.6 | 0.3 |
| + 2.5 | + 2.5 | + 2.5 | + 2.4 | + 2.5 | + 2.5 | + 2.4 | + 2.4 | + 2.4 | + 2.3 | + 2.77 | + 3.5 | + 2.3 | 1.2 |
| + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.6 | + 1.7 | + 1.85 | + 2.3 | + 1.6 | 0.7 |
| + 1.1 | + 1.2 | + 1.2 | + 1.2 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.32 | + 1.6 | + 1.1 | 0.5 |
| + 1.3 | + 1.3 | + 1.4 | + 1.5 | + 1.5 | + 1.5 | + 1.5 | + 1.7 | + 1.7 | + 1.7 | + 1.37 | + 1.7 | + 1.2 | 0.5 |
| + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.9 | + 1.7 | + 2.0 | + 1.9 | + 1.69 | + 2.0 | + 1.5 | 0.5 |
| + 1.7 | + 1.8 | + 1.8 | + 1.8 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 2.0 | + 1.80 | + 2.0 | + 1.6 | 0.4 |
| + 1.7 | + 1.9 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.7 | + 1.78 | + 2.1 | + 1.7 | 0.4 |
| + 1.5 | + 1.1 | + 1.1 | + 1.2 | + 1.7 | + 1.4 | + 1.3 | + 1.3 | + 1.3 | + 1.6 | + 1.34 | + 1.7 | + 1.1 | 0.6 |
| + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.0 | + 1.1 | + 1.2 | + 1.1 | + 1.1 | + 1.1 | + **1.11** | + 1.3 | + **1.0** | 0.3 |
| + 1.1 | + 1.1 | + 1.1 | + 1.1 | + 1.3 | + 1.5 | + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.14 | + 1.5 | + **1.0** | 0.5 |
| + 1.3 | + 1.3 | + 1.3 | + 1.3 | + 1.4 | + 1.3 | + 1.5 | + 1.4 | + 1.4 | + 1.4 | + 1.33 | + 1.5 | + 1.2 | 0.3 |
| + 1.5 | + 1.5 | + 1.5 | + 1.6 | + 1.8 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.9 | + 1.54 | + 1.9 | + 1.3 | 0.6 |
| + 1.9 | + 1.9 | + 1.9 | + 2.0 | + 2.0 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 1.97 | + 2.1 | + 1.8 | 0.3 |
| + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.1 | + 2.2 | + 2.2 | + 2.1 | + 2.1 | + 2.1 | + 2.08 | + 2.2 | + 1.9 | 0.3 |
| + 1.96 | + 1.98 | + 2.01 | + 2.03 | + 2.10 | + 2.13 | + 2.17 | + 2.15 | + 2.18 | + **2.20** | + 2.05 | + 2.37 | + 1.84 | 0.53 |

## САГАСТЫРЪ.

# ТЕМПЕРАТУРА ПОЧВЫ ВЪ ГЛУБИНѢ 0.8 М.

---

## SSAGASTYR.

# BODENTEMPERATUR IN 0.8 M. TIEFE.

# Температура почвы въ глубинѣ 0.8 м.

Среднее мѣстное время.

| Число. Datum. | Сентябрь 1882 September. 7 | 1 | 9 | Среднее. Mittel. | Октябрь 1882 October. 7 | 1 | 9 | Среднее. Mittel. | Ноябрь 1882 November. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 0.8 | + 0.8 | + 0.8 | + 0.80 | 0.0 | 0.0 | 0.0 | 0.00 | — 5.9 | — 5.9 | — 6.1 | — 5.97 |
| 2 | + 0.8 | + 0.8 | + 0.8 | + 0.80 | 0.0 | 0.0 | 0.0 | 0.00 | — 6.2 | — 6.4 | — 6.3 | — 6.30 |
| 3 | + 0.9 | + 0.9 | + 0.9 | + 0.90 | 0.0 | 0.0 | 0.0 | 0.00 | — 6.7 | — 6.8 | — 7.0 | — 6.83 |
| 4 | + 0.8 | + 0.8 | + 0.8 | + 0.80 | 0.0 | 0.0 | 0.0 | 0.00 | — 7.2 | — 7.5 | — 7.7 | — 7.47 |
| 5 | + 0.8 | + 0.8 | + 0.8 | + 0.80 | 0.0 | 0.0 | 0.0 | 0.00 | — 7.8 | — 7.8 | — 8.0 | — 7.87 |
| 6 | + 0.9 | + 0.8 | + 0.9 | + 0.87 | 0.0 | 0.0 | 0.0 | 0.00 | — 8.1 | — 8.2 | — 8.2 | — 8.17 |
| 7 | + 0.8 | + 0.8 | + 0.7 | + 0.77 | 0.0 | 0.0 | 0.0 | 0.00 | — 8.3 | — 8.2 | — 8.4 | — 8.30 |
| 8 | + 0.7 | + 0.6 | + 0.6 | + 0.63 | 0.0 | 0.0 | 0.0 | 0.00 | — 8.5 | — 8.6 | — 8.6 | — 8.57 |
| 9 | + 0.5 | + 0.5 | + 0.5 | + 0.50 | 0.0 | 0.0 | 0.0 | 0.00 | — 8.6 | — 8.6 | — 8.8 | — 8.67 |
| 10 | + 0.4 | + 0.4 | + 0.4 | + 0.40 | 0.0 | 0.0 | 0.0 | 0.00 | — 8.7 | — 8.7 | — 8.8 | — 8.73 |
| 11 | + 0.4 | + 0.4 | + 0.4 | + 0.40 | 0.0 | 0.0 | 0.0 | 0.00 | — 8.8 | — 8.9 | — 9.0 | — 8.90 |
| 12 | + 0.4 | + 0.4 | + 0.4 | + 0.40 | — 0.1 | 0.0 | — 0.2 | — 0.10 | — 9.2 | — 9.2 | — 9.2 | — 9.20 |
| 13 | + 0.4 | + 0.4 | + 0.4 | + 0.40 | — 0.1 | — 0.1 | — 0.1 | — 0.10 | — 9.3 | — 9.2 | — 9.3 | — 9.27 |
| 14 | + 0.6 | + 0.5 | + 0.6 | + 0.57 | — 0.1 | — 0.1 | — 0.2 | — 0.13 | — 9.2 | — 9.3 | — 9.3 | — 9.27 |
| 15 | + 0.7 | + 0.6 | + 0.6 | + 0.63 | — 0.2 | — 0.2 | — 0.3 | — 0.23 | — 9.4 | — 9.3 | — 9.5 | — 9.40 |
| 16 | + 0.6 | + 0.5 | + 0.4 | + 0.50 | — 0.3 | — 0.4 | — 0.4 | — 0.37 | — 9.5 | — 9.6 | — 9.7 | — 9.60 |
| 17 | + 0.5 | + 0.4 | + 0.4 | + 0.43 | — 0.4 | — 0.4 | — 0.4 | — 0.40 | — 9.8 | — 9.8 | — 10.0 | — 9.87 |
| 18 | + 0.4 | + 0.5 | + 0.4 | + 0.43 | — 0.4 | — 0.4 | — 0.4 | — 0.40 | — 10.1 | — 10.3 | — 10.4 | — 10.27 |
| 19 | + 0.4 | + 0.4 | + 0.3 | + 0.37 | — 0.6 | — 0.6 | — 0.6 | — 0.60 | — 10.5 | — 10.5 | — 10.5 | — 10.50 |
| 20 | + 0.3 | + 0.2 | + 0.2 | + 0.23 | — 0.6 | — 0.6 | — 0.7 | — 0.63 | — 10.5 | — 10.6 | — 10.8 | — 10.63 |
| 21 | + 0.1 | + 0.2 | 0.0 | + 0.10 | — 0.6 | — 0.6 | — 0.7 | — 0.63 | — 11.1 | — 11.1 | — 11.2 | — 11.13 |
| 22 | + 0.2 | + 0.1 | + 0.1 | + 0.13 | — 0.7 | — 0.7 | — 0.9 | — 0.77 | — 11.3 | — 11.3 | — 11.3 | — 11.30 |
| 23 | + 0.1 | 0.0 | + 0.1 | + 0.07 | — 1.1 | — 1.3 | — 1.6 | — 1.33 | — 11.4 | — 11.3 | — 11.4 | — 11.37 |
| 24 | 0.0 | + 0.1 | 0.0 | + 0.03 | — 2.1 | — 2.2 | — 2.4 | — 2.23 | — 11.5 | — 11.5 | — 11.6 | — 11.53 |
| 25 | + 0.1 | + 0.1 | + 0.1 | + 0.10 | — 2.7 | — 2.8 | — 3.0 | — 2.83 | — 11.7 | — 11.7 | — 11.8 | — 11.73 |
| 26 | + 0.1 | 0.0 | + 0.1 | + 0.07 | — 3.3 | — 3.3 | — 3.6 | — 3.40 | — 11.8 | — 11.9 | — 12.1 | — 11.93 |
| 27 | 0.0 | + 0.1 | 0.0 | + 0.03 | — 3.8 | — 4.0 | — 4.1 | — 3.97 | — 12.3 | — 12.4 | — 12.5 | — 12.40 |
| 28 | + 0.1 | + 0.1 | 0.0 | + 0.07 | — 4.2 | — 4.3 | — 4.6 | — 4.37 | — 12.5 | — 12.6 | — 12.5 | — 12.53 |
| 29 | + 0.1 | + 0.1 | 0.0 | + 0.07 | — 4.8 | — 4.9 | — 5.1 | — 4.93 | — 12.5 | — 12.4 | — 12.3 | — 12.40 |
| 30 | + 0.1 | + 0.0 | 0.0 | + 0.03 | — 5.2 | — 5.3 | — 5.2 | — 5.23 | — 12.2 | — 12.2 | — 12.0 | — 12.13 |
| 31 | | | | | — 5.6 | — 5.7 | — 5.9 | — 5.73 | | | | |
| Среднее Mittel | + 0.43 | + 0.41 | + 0.39 | + 0.41 | — 1.19 | — 1.22 | — 1.30 | — 1.24 | — 9.69 | — 9.78 | — 9.81 | — 9.74 |

| Число. Datum. | Мартъ 1883 März. 7 | 1 | 9 | Среднее. Mittel. | Апрѣль 1883 April. 7 | 1 | 9 | Среднее. Mittel. | Май 1883 Mai. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —19.6 | —19.6 | —19.6 | —19.60 | —19.4 | —19.4 | —19.2 | —19.33 | —16.4 | —16.4 | —16.3 | —16.37 |
| 2 | —19.7 | —19.7 | —19.8 | —19.73 | —19.2 | —19.2 | —19.2 | —19.20 | —16.1 | —16.1 | —16.0 | —16.07 |
| 3 | —19.9 | —19.8 | —19.8 | —19.83 | —19.1 | —19.2 | —19.2 | —19.17 | —15.9 | —15.8 | —15.8 | —15.83 |
| 4 | —19.6 | —19.6 | —19.4 | —19.53 | —19.2 | —19.1 | —19.0 | —19.10 | —15.7 | —15.7 | —15.7 | —15.70 |
| 5 | —19.4 | —19.4 | —19.5 | —19.43 | —19.0 | —19.8 | —18.9 | —18.93 | —15.7 | —15.7 | —15.2 | —15.53 |
| 6 | —19.5 | —19.6 | —19.8 | —19.63 | —18.9 | —18.9 | —19.0 | —18.93 | —15.3 | —15.2 | —15.0 | —15.17 |
| 7 | —19.8 | —19.8 | —20.0 | —19.87 | —19.0 | —18.9 | —18.9 | —18.93 | —15.4 | —15.4 | —15.3 | —15.37 |
| 8 | —20.0 | —20.1 | —20.2 | —20.10 | —18.7 | —18.5 | —18.3 | —18.50 | —15.3 | —15.2 | —15.0 | —15.17 |
| 9 | —20.2 | —20.0 | —20.1 | —20.10 | —18.1 | —18.1 | —17.9 | —18.03 | —14.9 | —14.8 | —14.8 | —14.83 |
| 10 | —20.0 | —20.0 | —20.1 | —20.03 | —17.6 | —17.5 | —17.3 | —17.47 | —14.7 | —14.7 | —14.8 | —14.73 |
| 11 | —20.0 | —20.0 | —20.0 | —20.00 | —17.4 | —17.3 | —17.5 | —17.40 | —14.9 | —14.9 | —15.0 | —14.93 |
| 12 | —19.8 | —19.8 | —19.9 | —19.83 | —17.6 | —17.7 | —17.7 | —17.67 | —15.1 | —15.1 | —15.1 | —15.10 |
| 13 | —19.8 | —19.8 | —19.9 | —19.83 | —17.5 | —17.5 | —17.5 | —17.50 | —15.1 | —15.0 | —15.0 | —15.03 |
| 14 | —19.9 | —19.8 | —19.8 | —19.83 | —17.4 | —17.3 | —17.1 | —17.27 | —14.9 | —14.8 | —14.8 | —14.83 |
| 15 | —19.4 | —19.4 | —19.3 | —19.37 | —17.0 | —16.9 | —16.9 | —16.93 | —14.7 | —14.7 | —14.7 | —14.70 |
| 16 | —19.0 | —19.0 | —19.0 | —19.00 | —16.8 | —16.9 | —16.9 | —16.87 | —14.5 | —14.4 | —14.2 | —14.37 |
| 17 | —19.0 | —19.0 | —19.2 | —19.07 | —17.1 | —17.0 | —17.0 | —17.03 | —14.0 | —13.8 | —13.7 | —13.83 |
| 18 | —19.1 | —19.2 | —19.4 | —19.23 | —17.0 | —17.1 | —17.1 | —17.07 | —13.5 | —13.5 | —13.5 | —13.50 |
| 19 | —19.3 | —19.4 | —19.4 | —19.37 | —17.1 | —17.2 | —17.2 | —17.17 | —13.4 | —13.3 | —13.3 | —13.33 |
| 20 | —19.4 | —19.4 | —19.4 | —19.40 | —17.2 | —17.2 | —17.3 | —17.23 | —13.2 | —13.1 | —13.1 | —13.13 |
| 21 | —19.4 | —19 5 | —19.7 | —19.53 | —17.3 | —17.2 | —17.2 | —17.23 | —13.0 | —13.0 | —13.1 | —13.03 |
| 22 | —19.7 | —19.8 | —19.7 | —19.73 | —17.2 | —17.3 | —17.2 | —17.23 | —13.0 | —12.7 | —12.9 | —12.87 |
| 23 | —19.6 | —19.6 | —19.6 | —19.60 | —17.2 | —17.3 | —17.3 | —17.27 | —12.8 | —12.7 | —12.6 | —12.70 |
| 24 | —19.5 | —19.6 | —19.6 | —19.57 | —17.4 | —17.3 | —17.3 | —17.33 | —12.6 | —12.8 | —12.7 | —12.70 |
| 25 | —19.5 | —19.5 | —19.5 | —19.50 | —17.3 | —17.3 | —17.1 | —17.23 | —12.6 | —12.8 | —12.8 | —12.73 |
| 26 | —19.4 | —19.5 | —19.6 | —19.50 | —17.1 | —17.1 | —17.1 | —17.10 | —12.8 | —12.6 | —12.6 | —12.67 |
| 27 | —19.6 | —19.7 | —19.8 | —19.70 | —17.0 | —16.9 | —16.8 | —16.90 | —12.4 | —12.6 | —12.3 | —12.43 |
| 28 | —19.8 | —19.8 | —19.8 | —19.80 | —16.6 | —16.7 | —16.5 | —16.60 | —12.0 | —12.0 | —11.7 | —11.90 |
| 29 | —19.8 | —19.8 | —19.9 | —19.83 | —16.5 | —16.5 | —16.5 | —16.50 | —11.4 | —11.2 | —10.9 | —11.17 |
| 30 | —19.8 | —19.8 | —19.8 | —19.80 | —16.5 | —16.5 | —16.5 | —16.50 | —10.5 | —10.2 | —10.0 | —10.23 |
| 31 | —19.7 | —19.7 | —19.6 | —19.67 | | | | | — 9.7 | — 9.6 | — 9.4 | — 9.57 |
| Среднее Mittel | —19.62 | —19.64 | —19.68 | —19.65 | —17.68 | —17.66 | —17.62 | —17.65 | —13.92 | —13.86 | —13.78 | —13.86 |

1) 2) 3) Ртуть раздѣлилась.
4) Термометръ примерзъ.



Mittlere Ortszeit.

# Bodentemperatur in 0.8 m. Tiefe.

| Число. Datum. | Декабрь 1882 December. 7 | 1 | 9 | Среднее. Mittel. | Январь 1883 Januar. 7 | 1 | 9 | Среднее. Mittel. | Февраль 1883 Februar. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —12.2 | —12.2 | —12.3 | —12.23 | —16.7 | —16.9 | —16.9 | —16.83 | —18.9 | —18.9 | —19.0 | —18.93 |
| 2 | —12.4 | —12.6 | —12.8 | —12.60 | —17.1 | —17.1 | —17.1 | —17.10 | —19.0 | —19.0 | —19.0 | —19.00 |
| 3 | —13.0 | —13.0 | —13.2 | —13.07 | —17.1 | —17.1 | —17.0 | —17.07 | —19:1 | —19.0 | —19.0 | —19.03 |
| 4 | —13.3 | —13.3 | —13.3 | —13.30 | —16.9 | —16.8 | —16.6 | —16.77 | —18.8 | —18.8 | —18.7 | —18.77 |
| 5 | —13.3 | —13.2 | —13.2 | —13.23 | —16.5 | —16.5 | —16.5 | —16.50 | —18.6 | —18.6 | —18.7 | —18.63 |
| 6 | —13.2 | —13.1 | —13.1 | —13.13 | —16.4 | —16.4 | —16.4 | —16.40 | —18.9 | —19.0 | —19.0 | —18.97 |
| 7 | —13.1 | —13.0 | —12.9 | —13.00 | —16.3 | —16.2 | —16.1 | —16.20 | —19.2 | —19.2 | —19.4 | —19.27 |
| 8 | —12.9 | —12.9 | —12.9 | —12.90 | —16.0 | —16.1 | —16.0 | —16.03 | —19.6 | —19.8 | —19.9 | —19.77 |
| 9 | —12.9 | —12.9 | —12.8 | —12.87 | —16.1 | —16.1 | —16.1 | —16.10 | —20.0 | —20.1 | —20.4 | —20.17 |
| 10 | —12.8 | —12.8 | —12.8 | —12.80 | —16.2 | —16.3 | —16.5 | —16.33 | —20.4 | —20.6 | —20.6 | —20.53 |
| 11 | —12.9 | —12.9 | —13.2 | —13.00 | —16.6 | —16.7 | —16.7 | —16.67 | —20.8 | —20.7 | —20.9 | —20.80 |
| 12 | —13.4 | —13.6 | —13.7 | —13.57 | —16.9 | —16.9 | —17.1 | —16 97 | —20.9 | —21.0 | —21.0 | —20.97 |
| 13 | —13.9 | —13.9 | —14.0 | —13.93 | —17.1 | —16.8 | —16.9 | —16.93 | —21.1 | —21.0 | —21.1 | —21.07 |
| 14 | —13.9 | —14.0 | —14.0 | —13.97 | —17.0 | —17.1 | —17.1 | —17.07 | —21.0 | —21.0 | —20.9 | —20.97 |
| 15 | —14.1 | —14.1 | —14.2 | —14.13 | —17.1 | —17.4 | —17.5 | —17.33 | —20.8 | —20.6 | —20.6 | —20.67 |
| 16 | —14.3 | —14.5 | —14.5 | —14.43 | —17.5 | —17.5 | —17.5 | —17.50 | —20.5 | —20.4 | —20.4 | —20.43 |
| 17 | —14.7 | —14.7 | —14.7 | —14.70 | —17.4 | —17.4 | —17.3 | —17.37 | —20.3 | —20.1 | —20.1 | —20.17 |
| 18 | —14.7 | —14.7 | —14.5 | —14.63 | —17.2 | —17.1 | —17.1 | —17.13 | —20.2 | —20.2 | —20.2 | —20.20 |
| 19 | —14.5 | —14.5 | —14.2 | —14.40 | —17.1 | —17.1 | —16.9 | —17.03 | —20.3 | —20.4 | —20.6 | —20.43 |
| 20 | —14.1 | —14.1 | —13.9 | —14.03 | —17.0 | —16.9 | —17.0 | —16.97 | —20.6 | —...[1] | —...[2] | —..... |
| 21 | —14.0 | —14.1 | —14.4 | —14.17 | —16.9 | —16.9 | —16.9 | —16.90 | —20.8 | —20.8 | —20.9 | —20.83 |
| 22 | —14.5 | —14.5 | —14.5 | —14.50 | —17.1 | —17.1 | —17.3 | —17.17 | —20.9 | —20.9 | —20.8 | —20.87 |
| 23 | —14.7 | —14.7 | —14.7 | —14.70 | —17.3 | —17.4 | —17.5 | —17.40 | —20.9 | —20.9 | —20.8 | —20.87 |
| 24 | —14.7 | —14.9 | —15.0 | —14.87 | —17.7 | —17.7 | —17.9 | —17.77 | —20.7 | —...[3] | —20.4 | ..... |
| 25 | —15.0 | —15.2 | —15.3 | —15.17 | —17.8 | —17.9 | —17.9 | —17.87 | —20.2 | —20.1 | —20.2 | —20.17 |
| 26 | —15.3 | —15.3 | —15.3 | —15.30 | —18.1 | —18.0 | —18.1 | —18.07 | —20.1 | —20.0 | —20.1 | —20.07 |
| 27 | —15.3 | —15.4 | —15.5 | —15.40 | —18.1 | —18.1 | —18.1 | —18.10 | —20.0 | —19.9 | —19.8 | —19.90 |
| 28 | —15.6 | —15.6 | —15.6 | —15.60 | —18.3 | —18.3 | —18.3 | —18.30 | —19.7 | —19.6 | —19.8 | —19.70 |
| 29 | —15.7 | —15.5 | —15.5 | —15.57 | —18.3 | —18.3 | —18.4 | —18.33 | | | | |
| 30 | —16.3 | —15.7 | —16.1 | —16.03 | —18.5 | —18.5 | —18.7 | —18.57 | | | | |
| 31 | —16.3 | —16.4 | —16.7 | —16.47 | —18.7 | —18.7 | —18.7 | —18.70 | | | | |
| Среднее Mittel | —14.10 | —14.11 | —14.15 | —14.12 | —17.19 | —17.20 | —17.23 | —17.21 | —20.08 | —20.02 | —20.09 | —20.05 |

| Число. Datum. | Іюнь 1883 Juni. 7 | 1 | 9 | Среднее. Mittel. | Іюль 1883 Juli. 7 | 1 | 9 | Среднее. Mittel. | Августъ 1883 August. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 9.2 | — 9.0 | — 8.9 | — 9.03 | ..... | ..... | ..... | ..... | — 0.2 | — 0.2 | — 0.2 | — 0.20 |
| 2 | — 8.7 | — 8.6 | — 8.6 | — 8.63 | ..... | ..... | ..... | ..... | — 0.2 | — 0.2 | — 0.2 | — 0.20 |
| 3 | — 8.3 | — 8.3 | — 8.2 | — 8.27 | ..... | ..... | ..... | ..... | — 0.2 | — 0.2 | — 0.2 | — 0.20 |
| 4 | — 8.0 | — 8.0 | — 7.8 | — 7.93 | ..... | ..... | ..... | ..... | — 0.2 | — 0.2 | — 0.2 | — 0.20 |
| 5 | — 7.6 | — 7.5 | — 7.4 | — 7.50 | ..... | ..... | ..... | ..... | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 6 | — 7.2 | — 7.2 | — 7.1 | — 7.17 | — 1.1 | — 1.1 | — 1.3 | — 1.17 | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 7 | — 7.0 | — 6.9 | — 6.9 | — 6.93 | — 1.4 | — 1.3 | — 1.3 | — 1.33 | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 8 | — 6.8 | — 6.7 | — 6.6 | — 6.70 | — 1.3 | — 1.3 | — 1.3 | — 1.30 | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 9 | — 6.7 | — 6.7 | — 6.6 | — 6.67 | — 1.3 | — 1.1 | — 1.1 | — 1.17 | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 10 | — 6.6 | — 6.5 | — 6.5 | — 6.53 | — 1.1 | — 1.1 | — 0.9 | — 1.03 | — 0.1 | — 0.2 | — 0.1 | — 0.13 |
| 11 | — 6.6 | .....[4] | ..... | ..... | — 1.0 | — 0.9 | — 0.9 | — 0.93 | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 12 | ..... | ..... | ..... | ..... | — 0.9 | — 0.9 | — 0.9 | — 0.90 | 0.0 | — 0.1 | 0.0 | — 0.03 |
| 13 | ..... | ..... | ..... | ..... | — 0.9 | — 0.9 | — 0.8 | — 0.87 | — 0.1 | — 0.1 | — 0.1 | — 0.10 |
| 14 | ..... | ..... | ..... | ..... | — 0.8 | — 0.8 | — 0.8 | — 0.80 | 0.0 | + 0.1 | 0.0 | + 0.03 |
| 15 | ..... | ..... | ..... | ..... | — 0.8 | — 0.8 | — 0.8 | — 0.80 | 0.0 | 0.0 | 0.0 | 0.00 |
| 16 | ..... | ..... | ..... | ..... | — 0.8 | — 0.7 | — 0.7 | — 0.73 | + 0.1 | + 0.1 | + 0.1 | + 0.10 |
| 17 | ..... | ..... | ..... | ..... | — 0.7 | — 0.7 | — 0.6 | — 0.67 | 0.0 | 0.0 | + 0.1 | + 0.03 |
| 18 | ..... | ..... | ..... | ..... | — 0.6 | — 0.6 | — 0.6 | — 0.60 | + 0.1 | + 0.1 | 0.0 | + 0.07 |
| 19 | ..... | ..... | ..... | ..... | — 0.6 | — 0.6 | — 0.6 | — 0.60 | 0.0 | 0.0 | 0.0 | 0.00 |
| 20 | ..... | ..... | ..... | ..... | — 0.6 | — 0.6 | — 0.6 | — 0.60 | 0.0 | 0.0 | 0.0 | 0.00 |
| 21 | ..... | ..... | ..... | ..... | — 0.6 | — 0.6 | — 0.6 | — 0.60 | 0.0 | 0.0 | 0.0 | 0.00 |
| 22 | ..... | ..... | ..... | ..... | — 0.6 | — 0.5 | — 0.6 | — 0.57 | 0.0 | 0.0 | 0.0 | 0.00 |
| 23 | ..... | ..... | ..... | ..... | — 0.5 | — 0.5 | — 0.4 | — 0.47 | 0.0 | 0.0 | 0.0 | 0.00 |
| 24 | ..... | ..... | ..... | ..... | — 0.4 | — 0.4 | — 0.4 | — 0.40 | 0.0 | 0.0 | 0.0 | 0.00 |
| 25 | ..... | ..... | ..... | ..... | — 0.4 | — 0.4 | — 0.4 | — 0.40 | 0.0 | 0.0 | 0.0 | 0.00 |
| 26 | ..... | ..... | ..... | ..... | — 0.2 | — 0.4 | — 0.3 | — 0.30 | 0.0 | + 0.1 | 0.0 | + 0.03 |
| 27 | ..... | ..... | ..... | ..... | — 0.3 | — 0.2 | — 0.2 | — 0.23 | 0.0 | 0.0 | 0.0 | 0.00 |
| 28 | ..... | ..... | ..... | ..... | — 0.3 | — 0.2 | — 0.2 | — 0.23 | 0.0 | 0.0 | 0.0 | 0.00 |
| 29 | ..... | ..... | ..... | ..... | — 0.2 | — 0.2 | — 0.2 | — 0.20 | 0.0 | 0.0 | 0.0 | 0.00 |
| 30 | ..... | ..... | ..... | ..... | — 0.2 | — 0.2 | — 0.3 | — 0.23 | 0.0 | + 0.1 | + 0.1 | + 0.07 |
| 31 | | | | | — 0.2 | — 0.2 | — 0.2 | — 0.20 | 0.0 | 0.0 | 0.0 | 0.00 |
| Среднее Mittel | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 0.05 | — 0.04 | — 0.04 | — 0.04 |

1) 2) 3) Das Quecksilber hat sich getrennt.
4) Das Thermometer ist angefroren.
C.

# САГАСТЫРЪ.

# ТЕМПЕРАТУРА ПОЧВЫ ВЪ ГЛУБИНѢ 1.6 М.

---

# SSAGASTYR.

# BODENTEMPERATUR IN 1.6 M. TIEFE.

# Температура почвы въ глубинѣ 1.6 м.

Среднее мѣстное время.

| Число. Datum. | Сентябрь 1882 September. 7 | 1 | 9 | Среднее. Mittel. | Октябрь 1882 October. 7 | 1 | 9 | Среднее. Mittel. | Ноябрь 1882 November. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 0.1 | — 0.2 | — 0.3 | — 0.20 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 2.2 | — 2.3 | — 2.5 | — 2.33 |
| 2 | — 0.5 | — 0.5 | — 0.5 | — 0.50 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 2.6 | — 2.7 | — 2.7 | — 2.67 |
| 3 | — 0.6 | — 0.7 | — 0.7 | — 0.67 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 2.9 | — 2.9 | — 2.9 | — 2.90 |
| 4 | — 0.8 | — 0.8 | — 0.8 | — 0.80 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 3.1 | — 3.2 | — 3.3 | — 3.20 |
| 5 | — 0.9 | — 0.8 | — 0.9 | — 0.87 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 3.5 | — 3.5 | — 3.6 | — 3.53 |
| 6 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 3.8 | — 3.9 | — 4.0 | — 3.90 |
| 7 | — 0.9 | — 1.0 | — 0.9 | — 0.93 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 4.1 | — 4.2 | — 4.3 | — 4.20 |
| 8 | — 0.9 | — 0.9 | — 1.0 | — 0.93 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 4.4 | — 4.5 | — 4.6 | — 4.50 |
| 9 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 4.8 | — 4.9 | — 5.0 | — 4.90 |
| 10 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 5.1 | — 5.1 | — 5.2 | — 5.13 |
| 11 | — 0.9 | — 0.9 | — 1.0 | — 0.93 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 5.4 | — 5.4 | — 5.5 | — 5.43 |
| 12 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 5.5 | — 5.6 | — 5.7 | — 5.60 |
| 13 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 5.8 | — 5.8 | — 5.9 | — 5.83 |
| 14 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 6.0 | — 6.0 | — 6.1 | — 6.03 |
| 15 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 6.1 | — 6.2 | — 6.3 | — 6.20 |
| 16 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 6.5 | — 6.4 | — 6.4 | — 6.37 |
| 17 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 6.9 | — 6.5 | — 6.6 | — 6.67 |
| 18 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 6.6 | — 6.7 | — 6.7 | — 6.67 |
| 19 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 6.9 | — 6.9 | — 7.1 | — 6.97 |
| 20 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 7.1 | — 7.1 | — 7.1 | — 7.10 |
| 21 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 7.1 | — 7.2 | — 7.3 | — 7.20 |
| 22 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 7.4 | — 7.5 | — 7.5 | — 7.47 |
| 23 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 7.7 | — 7.6 | — 7.7 | — 7.67 |
| 24 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 1.0 | — 0.9 | — 0.9 | — 0.93 | — 7.8 | — 7.9 | — .[1] | — .... |
| 25 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 8.0 | — 8.1 | — 8.6 | — 8.23 |
| 26 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 1.1 | — 1.1 | — 1.1 | — 1.10 | — 8.3 | — 8.4 | — 8.6 | — 8.43 |
| 27 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 1.2 | — 1.3 | — 1.3 | — 1.27 | — 8.4 | — 8.5 | — 8.4 | — 8.43 |
| 28 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 1.5 | — 1.5 | — 1.6 | — 1.53 | — 8.5 | — 8.5 | — 8.6 | — 8.53 |
| 29 | — 0.9 | — 0.9 | — 0.9 | — 0.90 | — 1.8 | — 1.7 | — 1.7 | — 1.73 | — 8.7 | — 8.7 | — 8.8 | — 8.73 |
| 30 | — 0.9 | — 1.0 | — 0.9 | — 0.93 | — 1.9 | — 1.9 | — 1.9 | — 1.90 | — 8.8 | — 8.9 | — 8.9 | — 8.87 |
| 31 | | | | | — 2.1 | — 2.1 | — 2.2 | — 2.13 | | | | |
| Среднее Mittel | — 0.85 | — 0.86 | — 0.86 | — 0.86 | — 1.04 | — 1.04 | — 1.04 | — 1.04 | — 5.99 | — 6.04 | — 6.07 | — 5.99 |

| Число. Datum. | Мартъ 1883 März. 7 | 1 | 9 | Среднее. Mittel. | Апрѣль 1883 April. 7 | 1 | 9 | Среднее. Mittel. | Май 1883 Mai. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —16.3 | —16.4 | —16.4 | —16.37 | —17.2 | —17.1 | —17.3 | —17.20 | —16.2 | —16.1 | —16.2 | —16.17 |
| 2 | —16.3 | —16.2 | —16.3 | —16.27 | —17.3 | —17.1 | —17.3 | —17.23 | —16.2 | —16.1 | —16.1 | —16.13 |
| 3 | —16.8 | —16.7 | —16.8 | —16.77 | —17.2 | —17.1 | —17.1 | —17.13 | —16.0 | —16.1 | —16.1 | —16.07 |
| 4 | —16.8 | —16.8 | —16.8 | —16.80 | —17.1 | —17.3 | —17.3 | —17.23 | —16.1 | —16.1 | —15.9 | —16.03 |
| 5 | —16.7 | —16.8 | —16.9 | —16.80 | —17.2 | —17.1 | —17.1 | —17.13 | —16.0 | —15.9 | —15.7 | —15.87 |
| 6 | —16.7 | —16.7 | —16.8 | —16.73 | —17.1 | —17.1 | —17.1 | —17.10 | —15.6 | —15.6 | —15.6 | —15.60 |
| 7 | —16.7 | —16.7 | —16.8 | —16.73 | —17.0 | —17.1 | —17.1 | —17.07 | —15.8 | —15.9 | —15.8 | —15.83 |
| 8 | —16.9 | —16.7 | —16.7 | —16.77 | —17.1 | —17.0 | —17.1 | —17.07 | —15.8 | —15.7 | —15.7 | —15.73 |
| 9 | —16.8 | —16.8 | —16.9 | —16.83 | —16.9 | —17.0 | —17.0 | —16.97 | —15.7 | —15.5 | —15.7 | —15.63 |
| 10 | —16.9 | —16.9 | —16.9 | —16.90 | —17.0 | —16.9 | —16.9 | —16.93 | —15.7 | —15.7 | —15.6 | —15.67 |
| 11 | —16.9 | —16.9 | —16.9 | —16.90 | —16.9 | —16.8 | —16.8 | —16.83 | —15.6 | —15.5 | —15.5 | —15.53 |
| 12 | —16.9 | —16.9 | —17.1 | —16.97 | —16.7 | —16.7 | —16.8 | —16.73 | —15.5 | —15.5 | —15.5 | —15.50 |
| 13 | —16.9 | —17.0 | —17.0 | —16.97 | —16.7 | —16.7 | —16.7 | —16.70 | —15.5 | —15.5 | —15.5 | —15.50 |
| 14 | —17.1 | —16.9 | —17.1 | —17.03 | —16.7 | —16.7 | —16.6 | —16.67 | —15.4 | —15.5 | —15.4 | —15.43 |
| 15 | —16.9 | —17.0 | —17.1 | —17.00 | —16.7 | —16.6 | —16.5 | —16.60 | —15.4 | —15.4 | —15.4 | —15.40 |
| 16 | —16.9 | —16.9 | —16.9 | —16.90 | —16.6 | —16.5 | —16.5 | —16.53 | —15.3 | —15.3 | —15.3 | —15.30 |
| 17 | —16.9 | —16.9 | —16.9 | —16.90 | —16.5 | —16.5 | —16.5 | —16.50 | —15.3 | —15.2 | —15.2 | —15.23 |
| 18 | —16.9 | —16.9 | —16.9 | —16.90 | —16.5 | —16.4 | —16.5 | —16.47 | —15.1 | —15.1 | —15.1 | —15.10 |
| 19 | —16.9 | —16.9 | —16.9 | —16.90 | —16.4 | —16.4 | —16.4 | —16.40 | —15.0 | —15.0 | —15.0 | —15.00 |
| 20 | —17.0 | —16.9 | —17.0 | —16.97 | —16.4 | —16.4 | —16.4 | —16.40 | —14.9 | —14.8 | —14.8 | —14.83 |
| 21 | —16.9 | —16.9 | —17.1 | —16.97 | —16.4 | —16.4 | —16.5 | —16.43 | —14.8 | —14.8 | —14.8 | —14.80 |
| 22 | —17.0 | —17.1 | —17.1 | —17.07 | —16.5 | —16.4 | —16.3 | —16.40 | —14.7 | —14.8 | —14.7 | —14.73 |
| 23 | —17.1 | —17.1 | —17.1 | —17.10 | —16.4 | —16.5 | —16.3 | —16.33 | —14.7 | —14.6 | —14.5 | —14.60 |
| 24 | —17.1 | —17.1 | —17.1 | —17.10 | —16.4 | —16.5 | —16.4 | —16.43 | —14.5 | —14.5 | —14.5 | —14.50 |
| 25 | —17.1 | —17.1 | —17.1 | —17.10 | —16.3 | —16.4 | —16.4 | —16.37 | —14.5 | —14.3 | —14.4 | —14.40 |
| 26 | —17.1 | —17.1 | —17.1 | —17.10 | —16.3 | —16.4 | —16.4 | —16.37 | —14.4 | —14.3 | —14.3 | —14.33 |
| 27 | —17.1 | —17.1 | —17.3 | —17.17 | —16.3 | —16.3 | —16.3 | —16.30 | —14.3 | —14.2 | —14.2 | —14.23 |
| 28 | —17.1 | —17.1 | —17.3 | —17.17 | —16.3 | —16.3 | —16.3 | —16.30 | —14.1 | —14.1 | —14.1 | —14.10 |
| 29 | —17.2 | —17.2 | —17.3 | —17.23 | —16.3 | —16.2 | —16.1 | —16.20 | —14.1 | —14.0 | —13.9 | —14.00 |
| 30 | —17.2 | —17.2 | —17.3 | —17.23 | —16.1 | —16.2 | —16.2 | —16.17 | —13.8 | —13.8 | —13.7 | —13.77 |
| 31 | —17.3 | —17.3 | —17.3 | —17.30 | | | | | —13.5 | —13.5 | —13.4 | —13.47 |
| Среднее Mittel | —16.92 | —16.91 | —16.97 | —16.93 | —16.68 | —16.66 | —16.67 | —16.67 | —15.15 | —15.11 | —15.08 | —15.11 |

1) Термометръ снѣгомъ занесенъ.
2) Ртуть раздѣлилась.
3) } Термометръ примерзъ.
4) }



Mittlere Ortszeit.

# Bodentemperatur in 1.6 m. Tiefe.

| Число. Datum. | Декабрь 1882 December. 7 | 1 | 9 | Среднее. Mittel. | Январь 1883 Januar. 7 | 1 | 9 | Среднее. Mittel. | Февраль 1883 Februar. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | — 9.0 | — 9.0 | — 9.0 | — 9.00 | —12.1 | —12.2 | —12.2 | —12.17 | —14.5 | —14.5 | —14.5 | —14.50 |
| 2 | — 9.1 | — 9.1 | — 9.2 | — 9.13 | —12.2 | —12.3 | —12.4 | —12.30 | —14.5 | —14.8 | —14.6 | —14.63 |
| 3 | — 9.3 | — 9.3 | — 9.4 | — 9.33 | —12.4 | —12.4 | —12.5 | —12.43 | —14.7 | —14.6 | —14.7 | —14.67 |
| 4 | — 9.4 | — 9.5 | — 9.6 | — 9.50 | —12.6 | —12.6 | —12.6 | —12.60 | —14.8 | —14.8 | —14.9 | —14.83 |
| 5 | — 9.7 | — 9.8 | — 9.9 | — 9.80 | —12.6 | —12.7 | —12.7 | —12.67 | —15.0 | —14.9 | —14.9 | —14.93 |
| 6 | — 9.9 | —10.2 | —10.1 | —10.07 | —12.8 | —12.7 | —12.8 | —12.77 | —14.8 | —14.8 | —14.9 | —14.83 |
| 7 | —10.2 | —10.2 | —10.2 | —10.20 | —12.8 | —12.8 | —12.8 | —12.80 | —15.0 | —14.9 | —15.0 | —14.97 |
| 8 | —10.2 | —10.3 | —10.3 | —10.27 | —12.8 | —12.8 | —12.9 | —12.83 | —15.0 | —15.0 | —15.0 | —15.00 |
| 9 | —10.4 | —10.4 | —10.1 | —10.30 | —12.9 | —12.8 | —12.8 | —12.83 | —15.4 | —15.1 | —15.2 | —15.23 |
| 10 | —10.1 | —10.2 | —10.1 | —10.13 | —12.8 | —12.8 | —12.9 | —12.83 | —15.2 | —15.3 | —15.4 | —15.30 |
| 11 | —10.2 | —10.2 | —10.2 | —10.20 | —12.8 | —13.0 | —12.9 | —12.90 | —15.4 | —15.1 | —15.4 | —15.30 |
| 12 | —10.2 | —10.3 | —10.3 | —10.27 | —13.0 | —13.0 | —13.2 | —13.07 | —15.0 | —15.6 | —15.6 | —15.40 |
| 13 | —10.4 | —10.4 | —10.2 | —10.33 | —13.0 | —13.2 | —13.1 | —13.10 | —15.7 | —15.7 | —15.9 | —15.77 |
| 14 | —10.5 | —10.6 | —10.6 | —10.57 | —13.2 | —13.2 | —13.2 | —13.20 | —15.8 | —15.8 | —15.8 | —15.80 |
| 15 | —10.7 | —10.7 | —10.8 | —10.73 | —13.2 | —13.2 | —13.4 | —13.27 | —15.8 | —15.8 | —16.0 | —15.87 |
| 16 | —10.8 | —10.8 | —10.8 | —10.80 | —13.4 | —13.4 | —13.6 | —13.47 | —16.0 | —16.0 | —16.0 | —16.00 |
| 17 | —11.0 | —11.0 | —11.0 | —11.00 | —13.6 | —13.6 | —13.6 | —13.60 | —16.0 | —16.0 | —16.0 | —16.00 |
| 18 | —11.1 | —11.0 | —11.2 | —11.10 | —13.8 | —13.7 | —13.8 | —13.77 | —16.0 | —16.0 | —15.8 | —15.93 |
| 19 | —11.3 | —11.2 | —11.7 | —11.40 | —13.8 | —13.6 | —13.5 | —13.63 | —16.0 | —16.0 | —16.0 | —16.00 |
| 20 | —11.6 | —11.2 | —11.1 | —11.30 | —13.6 | —13.6 | —13.6 | —13.60 | —16.1 | —16.1 | —16.1 | —16.10 |
| 21 | —11.2 | —11.2 | —11.2 | —11.20 | —13.6 | —13.6 | —13.6 | —13.60 | —16.1 | —16.2 | —16.2 | —16.17 |
| 22 | —11.2 | —11.3 | —11.3 | —11.27 | —13.7 | —13.6 | —13.7 | —13.67 | —16.2 | —16.2 | —16.3 | —16.23 |
| 23 | —11.4 | —11.4 | —11.3 | —11.37 | —13.7 | —13.7 | —13.7 | —13.70 | —16.2 | —16.4 | —16.4 | —16.33 |
| 24 | —11.4 | —11.5 | —11.4 | —11.43 | —13.8 | —13.7 | —13.8 | —13.77 | —16.4 | —16.4 | —16.4 | —16.40 |
| 25 | —11.4 | —11.4 | —11.5 | —11.43 | —13.8 | —13.6 | ...[2] | ..... | —16.6 | —16.5 | —16.6 | —16.57 |
| 26 | —11.5 | —11.6 | —11.6 | —11.57 | —14.0 | —13.9 | —14.0 | —13.97 | —16.6 | —16.4 | —16.4 | —16.47 |
| 27 | —11.6 | —11.6 | —11.7 | —11.63 | —13.5 | —13.5 | —14.0 | —13.67 | —16.4 | —16.3 | —16.4 | —16.37 |
| 28 | —11.7 | —11.8 | —11.7 | —11.73 | —14.2 | —14.1 | —14.0 | —14.10 | —16.3 | —16.3 | —16.4 | —16.33 |
| 29 | —11.8 | —11.8 | —11.8 | —11.80 | —14.2 | —14.2 | —14.2 | —14.20 | | | | |
| 30 | —11.8 | —11.9 | —11.9 | —11.87 | —14.3 | —14.3 | —14.4 | —14.33 | | | | |
| 31 | —12.0 | —12.0 | —12.0 | —12.00 | —14.4 | —14.4 | —14.4 | —14.40 | | | | |
| Среднее Mittel | —10.71 | —10.74 | —10.75 | —10.73 | —13.31 | —13.30 | —13.34 | —13.31 | —15.63 | —15.63 | —15.67 | —15.64 |

| Число. Datum. | Іюнь 1883 Juni. 7 | 1 | 9 | Среднее. Mittel. | Іюль 1883 Juli. 7 | 1 | 9 | Среднее. Mittel. | Августъ 1883 August. 7 | 1 | 9 | Среднее. Mittel. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | —13.3 | —13.1 | —13.0 | —13.17 | ..... | ..... | ..... | ..... | — 1.3 | — 1.4 | — 1.4 | — 1.37 |
| 2 | —12.9 | —12.8 | —12.7 | —12.80 | ..... | ..... | ..... | ..... | — 1.3 | — 1.5 | — 1.5 | — 1.43 |
| 3 | —12.5 | —12.5 | —12.4 | —12.47 | ..... | ..... | ..... | ..... | — 1.5 | — 1.5 | — 1.7 | — 1.57 |
| 4 | —12.3 | —12.1 | —12.1 | —12.17 | ..... | ..... | ..... | ..... | — 1.6 | — 1.5 | — 1.5 | — 1.53 |
| 5 | —11.9 | —11.8 | —11.8 | —11.83 | ..... | ..... | ..... | ..... | — 1.5 | — 1.7 | — 1.7 | — 1.63 |
| 6 | —11.7 | —11.6 | —11.5 | —11.60 | ..... | ..... | ..... | ..... | — 1.7 | — 1.7 | — 1.8 | — 1.73 |
| 7 | —11.4 | —11.3 | —11.2 | —11.30 | ..... | ..... | ..... | ..... | — 1.7 | — 1.8 | — 1.8 | — 1.77 |
| 8 | —11.1 | —11.1 | —11.1 | —11.10 | ..... | ..... | ..... | ..... | — 1.7 | — 1.8 | — 1.8 | — 1.77 |
| 9 | —10.9 | —10.9 | —10.8 | —10.87 | ..... | ..... | ..... | ..... | — 1.8 | — 1.8 | — 1.8 | — 1.80 |
| 10 | —10.9 | —10.7 | —10.5 | —10.70 | ..... | ..... | ..... | ..... | — 1.9 | — 1.8 | — 1.8 | — 1.83 |
| 11 | —10.5 | —10.5 | —10.5 | —10.50 | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 12 | —10.4 | —10.4 | ...[3] | ..... | ..... | ..... | ..... | ..... | — 1.8 | — 1.9 | — 1.8 | — 1.83 |
| 13 | .... | .... | —10.2 | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 14 | —10.1 | —10.1 | —10.0 | —10.07 | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 15 | — 9.9 | — 9.9 | — 9.7 | — 9.83 | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 16 | — 9.7 | — 9.5 | — 9.5 | — 9.57 | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.8 | — 1.87 |
| 17 | — 9.4 | — 9.1 | — 9.2 | — 9.23 | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 18 | ....[4] | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| 25 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.8 | — 1.87 |
| 26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.8 | — 1.9 | — 1.8 | — 1.83 |
| 27 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.9 | — 1.9 | — 1.8 | — 1.87 |
| 28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.8 | — 1.8 | — 1.8 | — 1.80 |
| 29 | ..... | ..... | ..... | ..... | — 0.1 | — 0.4 | — 0.7 | — 0.40 | — 1.8 | — 1.8 | — 1.8 | — 1.80 |
| 30 | ..... | ..... | ..... | ..... | — 0.9 | — 0.9 | — 1.1 | — 0.97 | — 1.8 | — 1.8 | — 1.8 | — 1.80 |
| 31 | | | | | — 1.2 | — 1.2 | — 1.3 | — 1.23 | — 1.9 | — 1.9 | — 1.9 | — 1.90 |
| Среднее Mittel | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — 1.79 | — 1.81 | — 1.80 | — 1.80 |

1) Das Thermometer vom Schnee verweht.
2) Das Quecksilber hat sich getrennt.
3) } Das Thermometer ist angefroren.
4) }

# САГАСТЫРЪ.

## Выводы изъ метеорологическихъ наблюденій за 1882—1883 г.

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# SSAGASTYR.

## Resumé der meteorologischen Beobachtungen für 1882—1883.

# САГАСТЫРЪ.

# ЧАСОВЫЯ СРЕДНІЯ.

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# SSAGASTYR.

# STUNDENMITTEL.

## Барометръ.

## Luftdruck.

| Мѣсяцы. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полд. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полн. Mittern. | Среднее. Mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь ... | 53.95 | 53.92 | 53.92 | 53.93 | 53.96 | 53.97 | 53.98 | 53.99 | 53.93 | 53.89 | 53.87 | 53.79 | 53.81 | 53.79 | **53.77** | 53.82 | 53.91 | 54.01 | **54.06** | 53.98 | 53.91 | 53.89 | 53.88 | 53.84 | 53.91 | 54.06 | 53.77 | 0.29 | September. |
| Октябрь .... | 59.36 | 59.35 | 59.33 | 59.32 | 59.34 | 59.33 | 59.33 | 59.36 | 59.32 | 59.27 | 59.24 | **59.15** | 59.16 | 59.20 | 59.20 | 59.25 | 59.39 | 59.49 | **59.55** | 59.52 | 59.49 | 59.46 | 59.47 | 59.48 | 59.35 | 59.55 | 59.15 | 0.40 | October. |
| Ноябрь ..... | **59.26** | 59.15 | 59.10 | 59.09 | 59.04 | 58.91 | 58.86 | 58.76 | 58.66 | 58.55 | 58.51 | 58.47 | **58.46** | 58.50 | 58.54 | 58.60 | 58.67 | 58.76 | 58.82 | 58.71 | 58.70 | 58.62 | 58.61 | 58.60 | 58.75 | 59.26 | 58.46 | 0.80 | November. |
| Декабрь .... | 61.49 | 61.46 | 61.39 | 61.38 | 61.34 | 61.31 | 61.34 | 61.37 | 61.33 | 61.31 | **61.30** | 61.32 | 61.35 | 61.41 | 61.47 | 61.86 | 62.00 | 62.12 | 62.22 | 62.30 | 62.28 | 62.27 | 62.28 | **62.34** | 61.68 | 62.34 | 61.30 | 1.04 | December. |
| Январь ..... | 61.69 | 61.68 | 61.71 | 61.66 | **61.72** | 61.64 | 61.56 | 61.57 | 61.56 | 61.52 | 61.36 | 61.26 | 61.22 | 61.32 | 61.30 | 61.36 | 61.43 | 61.45 | 61.53 | 61.47 | 61.36 | 61.37 | 61.27 | **61.18** | 61.47 | 61.72 | 61.18 | 0.54 | Januar. |
| Февраль .... | 64.70 | 64.71 | 64.69 | **64.65** | 64.74 | 64.78 | 64.75 | 64.80 | 64.76 | 64.75 | 64.78 | 64.73 | 64.66 | 64.76 | 64.72 | 64.85 | 64.98 | 65.11 | 65.18 | **65.21** | 65.18 | 65.18 | **65.21** | 65.16 | 64 88 | 65.21 | 64.65 | 0.56 | Februar. |
| Мартъ ..... | **64.26** | 64.16 | 64.07 | 64.08 | 64.06 | 64.04 | 63.97 | 63.99 | 63.92 | 63.84 | 63.87 | 63.84 | 63.74 | **63.73** | **63.71** | 63.79 | 63.94 | 64.06 | 64.02 | 63.98 | 63.91 | 63.89 | 63.88 | 63.79 | 63.94 | 64.26 | 63.73 | 0.53 | März. |
| Апрѣль.... | 65.47 | **65.42** | 65.43 | 65.48 | 65.59 | 65.65 | 65.69 | 65.73 | 65.71 | 65.74 | 65.77 | 65.78 | 65.76 | 65.82 | 65.79 | 65.81 | 65.89 | 66.07 | 66.11 | **66.12** | 66.05 | 66.02 | 66.00 | 66.03 | 65.79 | 66.12 | 65.42 | 0.70 | April. |
| Май ..... | 55.81 | 55.77 | 55.66 | 55.65 | 55.63 | 55.51 | 55.38 | 55.37 | **55.35** | 55.41 | 55.43 | 55.43 | 55.42 | 55.54 | 55.59 | 55.64 | 55.72 | 55.81 | **55.86** | **55.86** | 55.82 | 55.81 | 55.71 | 55.65 | 55.62 | 55.86 | 55.35 | 0 51 | Mai. |
| Іюнь ..... | **52.75** | 52.65 | 52.57 | 52.54 | 52.53 | 52.40 | 52.27 | 52.27 | 52.18 | 52.14 | 52.08 | 52.06 | **52.04** | 52.09 | 52.06 | 52.14 | 52.21 | 52.34 | 52.44 | 52.41 | 52.33 | 52.39 | 52.36 | 52.32 | 52.33 | 52.75 | 52.04 | 0.71 | Juni. |
| Іюль ..... | 57.66 | **57.64** | **57.64** | 57.67 | 57.75 | 57.79 | 57.73 | 57 86 | 57.74 | 57.75 | 57.79 | 57.78 | 57.76 | 57.76 | 57.83 | 57.80 | 57.84 | 57.93 | 58.03 | **58.05** | 58.00 | 58.02 | **58.05** | 57.98 | 57.83 | 58.05 | 57.64 | 0.41 | Juli. |
| Августъ.... | 56.52 | 56.46 | 56.40 | 56.34 | 56.28 | 56.27 | 56.23 | 56.23 | 56.25 | 56.23 | 56.16 | 56.20 | **56.11** | 56.16 | 56.26 | 56.40 | 56.55 | 56.69 | **56.91** | 56.90 | 56.79 | 56.83 | 56.77 | 56.69 | 56.45 | 56.91 | 56.11 | 0.80 | August. |
| Осень ..... | **57.52** | 57.47 | 57.45 | 57.45 | 57.45 | 57.40 | 57.39 | 57.37 | 57.30 | 57.24 | 57.21 | **57.14** | **57.14** | 57.16 | 57.17 | 57.22 | 57.32 | 57.42 | 57.48 | 57.40 | 57.37 | 57.32 | 57.32 | 57.31 | 57.34 | 57.52 | 57.14 | 0.38 | Herbst. |
| Зима ..... | 62.63 | 62.62 | 62.60 | 62.56 | 62.60 | 62.58 | 62.55 | 62.58 | 62.55 | 62.53 | 62 48 | 62.44 | **62.41** | 62.50 | 62.53 | 62.69 | 62.80 | 62.89 | 62.98 | **62.99** | 62.94 | 62.94 | 62.92 | 62.89 | 62.68 | 62.99 | 62.41 | 0.58 | Winter. |
| Весна ..... | 61.85 | 61.78 | 61.72 | 61.74 | 61.76 | 61.73 | 61.68 | 61.70 | 61.66 | 61.66 | 61.69 | 61.68 | **61.64** | 61.70 | 61.70 | 61.75 | 61.85 | 61.98 | **62.00** | 61.99 | 61.93 | 61.91 | 61.86 | 61.82 | 61.78 | 62.00 | 61.64 | 0.36 | Frühling. |
| Лѣто ..... | 55.64 | 55.58 | 55.54 | 55.52 | 55.52 | 55.49 | 55.41 | 55.45 | 55.39 | 55.37 | 55.34 | 55.35 | **55.30** | 55.34 | 55.39 | 55.45 | 55.53 | 55.65 | **55.79** | **55.79** | 55.71 | 55.75 | 55.73 | 55.66 | 55.54 | 55.79 | 55.30 | 0.49 | Sommer. |
| Годъ ..... | 59.41 | 59.36 | 59.33 | 59.32 | 59.33 | 59.30 | 59.26 | 59.28 | 59.22 | 59.20 | 59.18 | 59.15 | **59.12** | 59.18 | 59.21 | 59.28 | 59.38 | 59.48 | **59.56** | 59.54 | 59.49 | 59.48 | 59.46 | 59.42 | 59.33 | 59.56 | 59.12 | 0.44 | Jahr. |

## Температура воздуха.

## Temperatur der Luft.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь ... | — 0.13 | — 0.28 | — 0.41 | — 0.46 | — **0.59** | — 0.52 | — 0.48 | — 0.40 | — 0.05 | + 0.23 | + 0.50 | + 0.69 | + 0.71 | + **0.84** | + 0.75 | + 0.67 | + 0.63 | + 0.41 | + 0.23 | + 0.10 | — 0.03 | — 0.20 | — 0.34 | — 0.48 | + 0.06 | + 0.84 | — 0.59 | 1.43 | September. |
| Октябрь .... | —15.52 | —15.55 | —15.48 | —15.35 | —15.25 | —15.40 | —15.39 | —15.40 | —15.25 | —15.03 | —14.77 | —14.72 | —14.53 | **—14.48** | —14.58 | —14.85 | —14.97 | —15.09 | —15.13 | —15.22 | —15.27 | —15.46 | —15.61 | **—15.97** | —15.15 | —14.48 | —15.97 | 1.49 | October. |
| Ноябрь ..... | —28.27 | —28.28 | —28.27 | —28.33 | —28.24 | —28.12 | —27.87 | —27.69 | —27.61 | —27.60 | —27.66 | —27.67 | —27.70 | —27.77 | —27.78 | —27.63 | **—27.44** | —27.55 | —27.71 | —27.83 | —27.87 | —28.18 | —28.34 | **—28.39** | —27.89 | —27.44 | —28.39 | 0.95 | November. |
| Декабрь .... | —33.30 | —33.15 | —33.07 | —33.10 | —33.16 | **—33.01** | —33.13 | —33.22 | —33.45 | —33.66 | —33.74 | —33.77 | —33.76 | —33.82 | —33.77 | —34.07 | —34.06 | **—34.10** | —33.90 | —33.91 | —33.93 | —33.88 | —34.02 | —33.95 | —33.64 | —33.01 | —34.10 | 1.09 | December. |
| Январь ..... | —36.85 | —36.82 | —36.80 | —36.89 | —36.95 | —37.11 | **—37.19** | —37.18 | —37.13 | —37.16 | —36.96 | —36.88 | —36.90 | —36.74 | —36.66 | **—36.66** | —36.82 | —36.88 | —36.88 | —37.00 | —37.06 | —36.92 | —36.95 | —37.09 | —36.93 | —36.66 | —37.19 | 0.53 | Januar. |
| Февраль .... | —42.23 | —42.28 | —42.43 | —42.44 | —42.61 | —42.74 | **—42.78** | —42.72 | —42.74 | —42.49 | —42.15 | —41.90 | —41.52 | —41.46 | **—41.35** | —41.46 | —41.62 | —41.50 | —41.49 | —41.57 | —41.56 | —41.61 | —41.78 | —41.87 | —42.01 | —41.28 | —42.78 | 1.50 | Februar. |
| Мартъ ..... | —34.93 | —35.07 | —35.09 | **—35.15** | —35.05 | —35.12 | —34.80 | —34.09 | —33.28 | —32.61 | —31.84 | —31.21 | —30.89 | **—30.49** | —30.57 | —30.93 | —31.70 | —32.59 | —33.20 | —33.49 | —33.96 | —34.21 | —34.38 | —34.58 | —33.30 | —30.49 | —35.15 | 4.66 | März. |
| Апрѣль.... | —23.58 | —23.82 | —23.99 | **—24.07** | —23.82 | —23.17 | —22.18 | —21.28 | —20.36 | —19.66 | —19.23 | —18.85 | —18.12 | —17.84 | **—17.67** | —17.91 | —18.42 | —19.02 | —19.95 | —20.36 | —21.66 | —22.04 | —22.61 | —23.09 | —20.97 | —17.67 | —24.07 | 6.40 | April. |
| Май ..... | —11.17 | **—11.25** | —11.02 | —10.82 | —10.51 | —10.03 | — 9.30 | — 8.57 | — 7.95 | — 7.49 | — 7.23 | — 7.16 | — 6.83 | — 6.83 | **— 6.75** | — 6.90 | — 7.21 | — 7.45 | — 8.02 | — 8.62 | — 9.26 | —10.01 | —10.56 | —10.66 | — 8.81 | — 6.75 | —11.25 | 4 50 | Mai. |
| Іюнь ..... | — 0.59 | — 0.58 | — **0.60** | — 0.40 | — 0.18 | + 0.02 | + 0.35 | + 0.51 | + 0.84 | + 1.14 | + 1.47 | + 1.64 | + 1.90 | + **1.99** | + 1.93 | + 1.85 | + 1.61 | + 1.41 | + 1.12 | + 0.83 | + 0.73 | + 0.08 | — 0.18 | — 0.21 | + 0.70 | + 1.99 | — 0.60 | 2.59 | Juni. |
| Іюль ..... | + 3.75 | + 3.61 | + **3.60** | + 3.61 | + 3.90 | + 4.19 | + 4.45 | + 4.80 | + 5.10 | + 5.57 | + 5.78 | + 5.97 | + 6.12 | + **6.22** | + 6.21 | + 6.12 | + 5.96 | + 5.68 | + 5.36 | + 5.02 | + 4.65 | + 4.26 | + 4.10 | + 3.87 | + 4.91 | + 6.22 | + 3.60 | 2.62 | Juli. |
| Августъ.... | + 1.88 | + **1.74** | + **1.74** | + 1.89 | + 2.11 | + 2.38 | + 2.85 | + 3.43 | + 3.92 | + 4.37 | + 4.82 | + 5.08 | + 5.32 | + **5.41** | + 5.30 | + 5.07 | + 4.75 | + 4.32 | + 3.87 | + 3.44 | + 2.94 | + 2.60 | + 2.29 | + 2.07 | + 3.48 | + 5.41 | + 1.74 | 3.67 | August. |
| Осень ..... | —14.64 | —14.70 | —14.72 | —14.71 | —14.69 | —14.68 | —14.58 | —14.50 | —14.30 | —14.13 | —13.98 | —13.90 | —13.84 | **—13.80** | —13.83 | —13.94 | —13.93 | —14.08 | —14.20 | —14.32 | —14.39 | —14.61 | —14.76 | **—14.95** | —14.33 | —13.80 | —14.95 | 1.15 | Herbst. |
| Зима ..... | —37.40 | —37.42 | —37.43 | —37.48 | —37.57 | —37.62 | —37.70 | —37.71 | **—37.77** | **—37.77** | —37.62 | —37.52 | —37.39 | —37.34 | **—37.24** | —37.40 | —37.50 | —37.49 | —37.42 | —37.49 | —37.52 | —37.47 | —37.58 | —37.64 | —37.53 | —37.24 | —37.77 | 0.53 | Winter. |
| Весна ..... | —23.23 | **—23.38** | —23.37 | —23.35 | —23.13 | —22.77 | —22.09 | —21.31 | —20.53 | —19.92 | —19.43 | —19.07 | —18.61 | —18.39 | **—18.33** | —18.58 | —19.11 | —19.69 | —20 39 | —20.99 | —21.63 | —22.09 | —22.52 | —22.78 | —21.03 | —18.33 | —23.38 | 5.05 | Frühling. |
| Лѣто ..... | + 1.68 | + 1.59 | + **1.58** | + 1.70 | + 1.94 | + 2.20 | + 2.55 | + 2.91 | + 3.29 | + 3.69 | + 4.02 | + 4.21 | + 4.45 | + **4.54** | + 4.50 | + 4.35 | + 4.11 | + 3.80 | + 3.45 | + 3.10 | + 2.77 | + 2.31 | + 2.07 | + 1.91 | + 3.03 | + 4.54 | + 1.58 | 2.96 | Sommer. |
| Годъ ..... | —18.41 | —18.48 | **—18.49** | —18.46 | —18.36 | —18.22 | —17.96 | —17.65 | —17.33 | —17.03 | —16.75 | —16.57 | —16.35 | —16.25 | **—16.22** | —16.39 | —16.61 | —16.86 | —17.14 | —17.42 | —17.69 | —17.96 | —18.20 | —18.37 | —17.46 | —16.22 | —18.49 | 2.27 | Jahr. |

## Упругость водяныхъ паровъ.

## Spannkraft des Wasserdampfes.

| Мѣсяцы. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полд. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полн. Mittern. | Среднее. Mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь ... | **4.35** | 4.30 | 4.27 | 4.23 | **4.22** | 4.23 | 4.28 | 4.23 | 4.25 | 4.23 | 4.27 | 4.27 | 4.27 | 4.27 | 4.25 | 4.23 | 4.23 | 4.29 | 4.31 | 4.34 | 4.30 | 4.28 | 4.31 | 4.27 | 4.27 | 4.35 | 4.22 | 0.13 | September. |
| Октябрь .... | 1.44 | **1.42** | 1.44 | 1.44 | 1.47 | 1.44 | 1.45 | 1.45 | 1.47 | 1.48 | 1.52 | 1.53 | **1.55** | 1.54 | 1.53 | 1.49 | 1.47 | 1.46 | 1.46 | 1.47 | 1.47 | 1.46 | 1.46 | 1.43 | 1 47 | 1.55 | 1.42 | 0.13 | October. |
| Ноябрь ..... | 0.41 | **0.41** | 0.42 | 0.41 | 0.42 | 0.42 | 0.43 | **0.45** | 0.44 | 0.44 | 0.45 | 0.45 | 0.44 | 0.44 | 0.45 | 0.44 | 0.45 | 0.45 | 0.45 | 0.45 | 0.44 | **0.41** | 0.42 | 0.42 | 0.43 | 0.45 | 0.41 | 0.04 | November. |
| Декабрь .... | 0.27 | 0.28 | 0.29 | 0.29 | 0.28 | **0.29** | 0.28 | 0.29 | 0 27 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | **0.25** | 0.25 | 0.27 | 0.26 | 0.26 | 0.26 | 0.27 | 0.27 | 0.27 | 0.29 | 0.25 | 0.04 | December. |
| Январь ..... | 0.19 | 0.19 | 0.19 | 0.18 | 0.19 | 0.18 | **0.18** | 0.18 | 0.18 | 0.18 | 0.18 | 0.19 | 0.19 | 0.19 | 0.19 | **0.20** | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.19 | 0.20 | 0.18 | 0.02 | Januar. |
| Февраль .... | 0.10 | 0.10 | 0.10 | 0.10 | **0.10** | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0 13 | 0.14 | **0.14** | 0.14 | 0.14 | 0.13 | 0.13 | 0.12 | 0.12 | 0.13 | 0.13 | **0.18** | 0.18 | 0.18 | 0.19 | 0.20 | 0.18 | 0.02 | Februar. |
| Мартъ ..... | 0 21 | 0.22 | 0.22 | **0.21** | 0.22 | 0.21 | 0.22 | 0.24 | 0.26 | 0.27 | 0.29 | 0.32 | 0.33 | **0.35** | 0.34 | 0.34 | 0.29 | 0.27 | 0.27 | 0.25 | 0.25 | 0 24 | 0.24 | 0.22 | 0.26 | 0.35 | 0.21 | 0.14 | März. |
| Апрѣль..... | 0.65 | 0.64 | 0.64 | **0.63** | 0.65 | 0.66 | 0.71 | 0.76 | 0.81 | 0.87 | 0.89 | 0.91 | 0.97 | 0.98 | **0.99** | **0.99** | 0.96 | 0.92 | 0.87 | 0.80 | 0.76 | 0.74 | 0.73 | 0.68 | 0.80 | 0.99 | 0.63 | 0.36 | April. |
| Май ..... | 2.04 | **2.02** | 2.04 | 2.05 | 2.09 | 2.17 | 2.25 | 2.36 | 2.45 | 2.51 | 2.55 | 2.56 | 2.59 | 2.57 | **2.59** | 2.59 | 2.51 | 2.50 | 2.42 | 2.35 | **2.25** | 2.19 | 2.12 | 2.11 | 2.33 | 2.59 | 2.02 | 0.57 | Mai. |
| Іюнь ..... | 4.34 | **4.30** | 4.33 | 4.35 | 4.37 | 4.42 | 4.39 | 4.50 | 4.51 | 4.55 | 4.62 | 4.67 | 4.76 | **4.84** | 4.83 | 4.77 | 4.68 | 4.70 | 4.70 | 4.63 | 4.64 | 4.52 | 4.43 | 4.44 | 4.55 | 4.84 | 4.30 | 0.54 | Juni. |
| Іюль ..... | 5.72 | **5.64** | 5.65 | 5.68 | 5.76 | 5.85 | 5.97 | 6.09 | 6.12 | 6.20 | 6.24 | 6.27 | **6.34** | 6.30 | 6.31 | 6.26 | 6.28 | 6.18 | 6.06 | 5.96 | 5.90 | 5.76 | 5.73 | 5.72 | 6.00 | 6.34 | 5.64 | 0.70 | Juli. |
| Августъ.... | 5.15 | 5.12 | **5.09** | 5.15 | 5 17 | 5.27 | 5.35 | 5.41 | 5.45 | 5.51 | 5.54 | 5.51 | **5.56** | 5.55 | 5.48 | 5.49 | 5.47 | 5.42 | 5.38 | 5.32 | 5.32 | 5.23 | 5.18 | 5.16 | 5.35 | 5.56 | 5.09 | 0.47 | August. |
| Осень ..... | 2.07 | 2.04 | 2.04 | **2.03** | 2.04 | **2.03** | 2.05 | 2.04 | 2.05 | 2.05 | 2.08 | 2.08 | **2.09** | 2.08 | 2.08 | 2.05 | 2.05 | 2.07 | 2.07 | 2.09 | 2.07 | 2.05 | 2.06 | 2.04 | 2.06 | 2.09 | 2.03 | 0.06 | Herbst. |
| Зима ..... | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.18 | **0.18** | 0.18 | 0.19 | 0.20 | **0.20** | 0.19 | 0.20 | **0.19** | 0.19 | 0.19 | 0.19 | 0.19 | 0.18 | 0.19 | **0.18** | 0.19 | 0.20 | 0.18 | 0.02 | Winter. |
| Весна ..... | 0.97 | **0.96** | 0.97 | **0.96** | 0.99 | 1.01 | 1.06 | 1.12 | 1.17 | 1.22 | 1.24 | 1.26 | 1.30 | 1.30 | **1.31** | 1.31 | 1.25 | 1·23 | 1.19 | 1.13 | 1.09 | 1.06 | 1.03 | 1.00 | 1.13 | 1.31 | **0.96** | 0.35 | Frühling. |
| Лѣто ..... | 5.07 | **5.02** | **5.02** | 5.06 | 5 10 | 5.18 | 5.24 | 5.33 | 5.36 | 5.42 | 5.47 | 5.48 | 5.55 | **5.56** | 5.54 | 5.51 | 5.48 | 5.43 | 5.38 | 5.30 | 5.29 | 5.17 | 5.11 | 5.11 | 5.30 | 5.56 | 5.02 | 0.54 | Sommer. |
| Годъ ..... | 2.08 | **2.05** | **2.05** | 2.06 | 2.08 | 2.10 | 2.13 | 2.17 | 2.19 | 2.22 | 2.24 | 2.25 | 2.28 | **2.28** | 2.28 | 2.27 | 2.24 | 2.23 | 2.21 | 2.18 | 2.16 | 2.12 | 2.10 | 2.08 | 2.17 | 2.28 | 2.05 | 0.23 | Jahr. |

## Относительная влажность воздуха.

## Relative Feuchtigkeit der Luft.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь .... | 92.1 | 91.9 | 92.0 | 91.3 | 91.9 | 91.5 | 92.1 | 90.4 | 89.1 | 86.9 | 86.2 | 84.9 | 85.4 | **84.2** | 84.9 | 85.1 | 84.8 | 87.1 | 88.6 | 90.3 | 90.4 | 90.6 | 92.1 | **92.2** | 89.0 | 92.2 | 84.2 | 8.0 | September. |
| Октябрь .... | 89.8 | 89.6 | 89.5 | 89.5 | 89.4 | 89.2 | 89.5 | 89.3 | 89.3 | **88.9** | 89.4 | 89.2 | 89.4 | 89.2 | 89.3 | 89.5 | 89.7 | 89.6 | 89.5 | 90.2 | 90.3 | 90.2 | 90.8 | **90.4** | 89.6 | 90.4 | 88.9 | 1.5 | October. |
| Ноябрь .... | 87.3 | 87.1 | 86.9 | 87.0 | 86.9 | **86.8** | 87.0 | 87.3 | 87.3 | 87.3 | 87.4 | 87.5 | 87.3 | 87.4 | 87.5 | 87.3 | 87.5 | **87.6** | **87.6** | 87.4 | 87.5 | 87.2 | 87.2 | 87.1 | 87.3 | 87.6 | 86.8 | 0.8 | November. |
| Декабрь .... | 81.7 | 81.8 | 81.8 | 81.7 | 82.2 | 82.2 | 82.1 | **82.3** | 82.1 | 81.7 | 81.7 | 81.7 | **81.6** | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.7 | 82.0 | 81.8 | 81.9 | 81.9 | 81.9 | 82.3 | 81.6 | 0.7 | | December. |
| Январь ..... | 83.1 | 83.2 | 83.3 | 83.2 | 83.1 | 83.3 | 83.2 | **83 4** | 83.3 | 83.3 | **83.4** | 83.2 | **82.9** | 83.1 | 83.1 | 83.0 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 | 83.2 | 83.2 | 83.2 | 83.4 | 82.9 | 0.5 | Januar. |
| Февраль .... | 80.6 | **80.4** | **80.4** | **80.4** | 80.6 | 80.7 | 80.8 | 80.7 | 80.6 | 80.5 | 80.5 | 80.6 | 80.6 | 80.8 | 80.8 | **80.9** | 80.8 | **80.9** | 80.8 | **80.9** | **80.9** | 80.8 | 80.7 | 80.6 | 80.7 | 80.9 | 80.4 | 0.5 | Februar. |
| Мартъ ..... | 83.3 | 83.2 | 83.2 | 83.2 | 83.2 | 83.1 | **82.9** | **82.9** | 83.0 | 83.2 | 83.3 | 83.6 | 83.8 | 84.1 | 84.3 | **84.2** | **84.2** | 84.1 | 84.1 | 84.1 | 83.7 | 83.7 | 83.6 | 83.5 | 83.6 | 84.2 | 82.9 | 1.3 | März. |
| Апрѣль..... | 87.2 | 87.2 | 87 0 | 86.5 | 86.3 | 86.4 | 86.5 | 86.5 | 86.4 | **86.2** | 86.4 | 86.4 | 86.8 | 86.8 | 86.3 | 86.9 | 87.0 | 86.8 | 87.2 | 87.0 | 87.4 | **87.5** | 87.4 | 87.3 | 86.9 | 87.5 | 86.2 | 1.3 | April. |
| Май ..... | 93.4 | 93.3 | 93.0 | 93.0 | 93.0 | 92.9 | 92.2 | 92.3 | 91.4 | 90.7 | 90.3 | 90.1 | 89.5 | 89.1 | 89.0 | 89.5 | 89.3 | 89.9 | 90.1 | 91.0 | 91.1 | 92.4 | 93.2 | **93.5** | 91.4 | 93.5 | 89.0 | 4.5 | Mai. |
| Іюнь ..... | **95.8** | 95.0 | 95.4 | 94.5 | 93.6 | 93.5 | 90.5 | 91.9 | 89.9 | 89.4 | 89.0 | 88.5 | **88.4** | 89.5 | 89.4 | 89.2 | 89.2 | 90.4 | 92.1 | 92.6 | 93.4 | 95.0 | 94.5 | 95 4 | 91.9 | 95.8 | 88.4 | 7.4 | Juni. |
| Іюль ..... | 95.3 | 94.7 | 94.9 | **95.4** | 94.9 | 94.8 | 94.5 | 93.9 | 92.7 | 90.9 | 90.6 | 89.7 | 89.7 | **88.7** | 88.9 | 89.1 | 90.1 | 90.4 | 90.4 | 91.0 | 92.4 | 92.7 | 93.1 | 94.4 | 92.2 | 95.4 | 88.7 | 6.7 | Juli. |
| Августъ.... | 97.4 | **97.6** | 96.9 | 97.1 | 96.1 | 96.0 | 94.3 | 91.5 | 89.3 | 87.6 | 85.2 | 83.8 | 82.7 | 82.5 | **82.3** | 83.5 | 85.2 | 86.7 | 88.7 | 90.4 | 93.3 | 93.5 | 95.1 | 96.5 | 90.5 | 97.6 | 82.2 | 15.4 | August. |
| Осень ..... | 89.7 | 89.5 | 89.5 | 89.3 | 89.4 | 89.2 | 89.5 | 89.0 | 88.6 | 87.7 | 87.7 | 87.2 | 87.4 | **86.9** | 87.3 | 87.3 | 87.3 | 88.1 | 88.6 | 89.3 | 89.4 | 89.3 | **89.9** | **89.9** | 88.6 | 89.9 | 86.9 | 3.0 | Herbst. |
| Зима ..... | 81.8 | 81.8 | 81.8 | 81.8 | 82.0 | **82.1** | 82.0 | **82.1** | 82.0 | 81.8 | 81.9 | 81.8 | **81.7** | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 81.9 | 81.9 | 81.9 | 82.1 | 81.7 | 0.4 | Winter. |
| Весна ..... | 88.0 | 87.9 | 87.7 | 87.6 | 87.5 | 87.5 | 87.2 | 87.2 | 86.9 | 86.7 | 86.7 | **86.7** | **86.7** | 86.7 | 86.7 | 86.9 | 86.8 | 86.9 | 87.1 | 87.4 | 87 4 | 87.9 | **88.1** | **88.1** | 87.3 | 88.1 | 86.7 | 1.4 | Frühling. |
| Лѣто ..... | **96.2** | 95.8 | 95.7 | 95.7 | 94.9 | 94.6 | 93.1 | 92.4 | 90.6 | 89.3 | 88.3 | 87.3 | 86.9 | 86.9 | **86.8** | 87.3 | 88.2 | 89.2 | 90.4 | 91.3 | 93.0 | 93.7 | 94.2 | 95.4 | 91.5 | 96.2 | 86.8 | 9.4 | Sommer. |
| Годъ ..... | **88.9** | 88.8 | 88.7 | 88.6 | 88.5 | 88.3 | 88.0 | 87.7 | 87.0 | 86.4 | 86.1 | 85.8 | 85.7 | **85.6** | 85.6 | 85.8 | 86.0 | 86.5 | 87.0 | 87.5 | 88.0 | 88.2 | 88.5 | 88.8 | 87.3 | 88.9 | 85.6 | 3.3 | Jahr. |

## Скорость вѣтра.

## Geschwindigkeit des Windes.

| Мѣсяцы. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полд. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полн. Mittern. | Среднее. Mittel. | Наибольш. Maximum. | Наименьш. Minimum | Разность. Differenz. | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь ... | **5.9** | 6.2 | 6.2 | 6.5 | **6.2** | 6.2 | 6.7 | 7.0 | 6.9 | 6.9 | 6.9 | 7.3 | 7.3 | **7.4** | **7.4** | 6.8 | 6.7 | 6.9 | 6.6 | 6.4 | 6.3 | 6.2 | 6.5 | 6.4 | 6 7 | 7.4 | 5.9 | 1.5 | September |
| Октябрь .... | **6.2** | **6.2** | 6.4 | 6.4 | 6.4 | 6.3 | 6.4 | **6.2** | **6.2** | 6.5 | 6.4 | 6.4 | 6.8 | 6.7 | **6.9** | 6.8 | 6.6 | 6.4 | 6.5 | 6.5 | 6.6 | 6.5 | 6.4 | 6.5 | 6.5 | 6.9 | 6.2 | 0.7 | October. |
| Ноябрь ..... | 5.6 | 5.5 | 5.9 | 5.7 | 6.0 | **6.0** | 6.0 | 5.6 | 5.8 | 5.8 | **5.7** | 5.6 | 5.2 | 5.5 | 5.3 | **5.1** | **5.1** | 5.4 | 5.6 | 5.6 | 5.7 | 5.6 | 5.5 | 5.6 | 5.6 | 6.0 | 5.1 | 0 9 | November. |
| Декабрь .... | 5.5 | 6.0 | **6.1** | 5.7 | 5.6 | 5.5 | 5.2 | 5.0 | 5.2 | 5.2 | 5.5 | 5.5 | 5.3 | 5.3 | 5.1 | 4.8 | **4.6** | 5.0 | 4.8 | 4.9 | 4.9 | 4.8 | 5.1 | 5.3 | 5.3 | 6.1 | 4.6 | 1.5 | December. |
| Январь ..... | 4.2 | 4.3 | 4.3 | 4.3 | 4.5 | 4.6 | 4.2 | 4.4 | 4.2 | 4.1 | 4.2 | **4.0** | 4.2 | 4.2 | 4.6 | 4.5 | 4.5 | **4.7** | 4.5 | 4.4 | 4.3 | 4.5 | 4.4 | 4.1 | 4.3 | 4.7 | 4.0 | 0.7 | Januar. |
| Февраль .... | **5.4** | 5.1 | **5.2** | **5.4** | 5.2 | 5.0 | 4.8 | **4.3** | 4.6 | 5.1 | 4.8 | 5.0 | 5.0 | 5.1 | 5.1 | 4.8 | 4.9 | 5.0 | 5.1 | 5.0 | 4.9 | 4.9 | 4.9 | 5.2 | 5.0 | 5.4 | 4.3 | 1.1 | Februar. |
| Мартъ ..... | 4.7 | 4.7 | 4.5 | 4.6 | 4.6 | 4.5 | 4.8 | 4.5 | 4.5 | 4.6 | 4.9 | 4.8 | 4.8 | 4.7 | 4.7 | 4.5 | **4.3** | 4.6 | 4.9 | **5.1** | 4.9 | 4.9 | 4.7 | 4.9 | 4.7 | 5.1 | 4.3 | 0.8 | März. |
| Апрѣль..... | 4.9 | 4.9 | **4.7** | 4 9 | 5.0 | 5.1 | 5.1 | 5.2 | 5.5 | 5.7 | 5.7 | 6.0 | 6.2 | **6.4** | 6.3 | 6.0 | 6.2 | 6.0 | 5.9 | 5.8 | 5.6 | 5.9 | 5.7 | 5.4 | 5.6 | 6.4 | 4.7 | 1.7 | April. |
| Май ..... | 6.6 | 6.6 | 6.7 | 6.9 | 7.2 | 7.4 | 7.5 | 7.2 | 7.5 | 7.5 | 7.5 | **7.7** | 7.5 | 7.2 | 7.0 | 6.9 | 6.5 | 6.7 | 6.5 | 6.2 | **5.9** | 6.0 | 6.5 | 6.7 | 6.9 | 7.7 | 5.9 | 1.8 | Mai. |
| Іюнь ..... | **6 0** | **6.0** | 6.2 | 6.2 | 6.2 | 6.3 | 7.2 | **7.2** | 7.3 | **7.6** | 7.4 | **7.6** | 7.2 | 7.3 | 7.2 | 7.2 | 7.2 | 7.1 | 6.6 | 6.6 | 6.2 | 6.4 | 6.3 | 6.6 | 6.8 | 7.6 | 6.0 | 1.6 | Juni. |
| Іюль ..... | 8.2 | 8.2 | 8.4 | 8.3 | 8.5 | 8.6 | 8 6 | 9.0 | 9.3 | 9.0 | 9.3 | 9.5 | **9.6** | **9.6** | 9.4 | 9.4 | 9.2 | 9.5 | 9.2 | 9.0 | 9.1 | 8.7 | 8.2 | **8.1** | 8.9 | 9.6 | 8.1 | 1.5 | Juli. |
| Августъ .... | 6.6 | **6 2** | 6.4 | 6.4 | 6.8 | 6.9 | 7.3 | 7.0 | 7.1 | 7.0 | 7.2 | 7.0 | 7.1 | 7.4 | **7.7** | 7.4 | 7.6 | 7.4 | 7.4 | 7.6 | 7.0 | 7.0 | 6.6 | 6.7 | 6.6 | 7.0 | 7.7 | 6.2 | 1.5 | August. |
| Осень ..... | **5.9** | 6.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.4 | 6.3 | 6.3 | 6.4 | 6.3 | 6.4 | 6.4 | **6.5** | **6.5** | 6.2 | 6.1 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.2 | 6.3 | 6.5 | 5.9 | 0.6 | Herbst. |
| Зима ..... | 5.0 | 5.1 | **5.2** | 5.1 | 5.1 | 5.0 | 4.7 | **4.6** | 4.7 | 4.8 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 | 4.7 | 4.7 | 4.9 | 4.8 | 4.8 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 5.2 | 4.6 | 0.6 | Winter. |
| Весна ..... | 5.4 | 5.4 | **5.3** | 5.5 | 5.6 | 5.7 | 5.8 | 5.6 | 5.8 | 5.9 | 6.0 | **6.2** | **6.2** | 6.1 | 6.0 | 5.8 | 5.7 | 5.8 | 5.8 | 5.7 | 5.5 | 5.6 | 5.6 | 5.7 | 5.7 | 6.2 | 5.3 | 0.9 | Frühling. |
| Лѣто ..... | 6.9 | **6.8** | 7.0 | 7.0 | 7.2 | 7.3 | 7.7 | 7.7 | 7.9 | 7.9 | 8.0 | 8.0 | 8.0 | **8.1** | **8.1** | 8.0 | 8.0 | 8.0 | 7.8 | 7.5 | 7.4 | 7.2 | 7.1 | 7.1 | 7.6 | 8.1 | 6.8 | 1.3 | Sommer. |
| Годъ ..... | **5.8** | **5.8** | 5.9 | 5.9 | 6.0 | 6.1 | 6.1 | 6.1 | 6.2 | 6.2 | 6.3 | 6.3 | 6.3 | **6.4** | **6.4** | 6.2 | 6.1 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 6.0 | 6.1 | 6.4 | 5.8 | 0.6 | Jahr. |

## Облачность.

## Bewölkung.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь .... | **8.1** | **8.1** | 8.6 | 8.7 | 9.2 | 9.3 | **9.5** | 8.8 | 9.0 | 8.8 | 8.9 | 9.0 | 8.8 | 9.3 | 9.4 | 9.4 | 9.3 | 9.3 | 9.4 | 9.0 | 8.8 | 8.8 | 8.9 | 8.7 | 9.0 | 9.5 | 8.1 | 1.4 | September. |
| Октябрь .... | **6.0** | 6.1 | 6.6 | 7.0 | 7.4 | 7.3 | 7.0 | 7.6 | 7.7 | 7.7 | 7.8 | **7.6** | 7.5 | 8.0 | **8.2** | 7.7 | 8.0 | 7.7 | 7.8 | 7.1 | 6.8 | 6.5 | **6.0** | 6.1 | 7.2 | 8.2 | 6.0 | 2.2 | October. |
| Ноябрь ..... | 4.7 | 5.0 | 4.8 | 5.1 | 5.7 | 5.6 | 6.2 | 7.0 | 7.3 | 7.5 | 7.7 | **7.8** | 7.4 | 7.1 | 5.9 | 6.0 | 6.0 | 5.7 | 5.9 | 5.6 | 5.9 | 5.3 | **4.6** | 4.7 | 6.0 | 7.8 | 4.6 | 3.2 | November. |
| Декабрь .... | 5.8 | 5.4 | 5.2 | 5.4 | 5.2 | 4.9 | 5.0 | 4.6 | 5.4 | 5.7 | 5.8 | 5.6 | **6.2** | 5.4 | 5.3 | 4.8 | **4.4** | 4.5 | 4.5 | 4.5 | **4.4** | **4.4** | 4.6 | 5.6 | 5.1 | 6.2 | 4.4 | 1.8 | December. |
| Январь ..... | 3.1 | 2.8 | 3.2 | 3.1 | 3.2 | 2.6 | 2.6 | 3.3 | **3.7** | 4.4 | 4.6 | 5.3 | **5.4** | 5.3 | 5.1 | 4.5 | 3.6 | 3.5 | 3.1 | 3.2 | **2.2** | 3.1 | 3.4 | 3.4 | 3.7 | 5.4 | 2.2 | 3.2 | Januar. |
| Февраль .... | 1.6 | 1.6 | **1.3** | 1.4 | 2.1 | 2.1 | 2.0 | 2.5 | 3.1 | 2.9 | 3.5 | 3.3 | 3.7 | **3.9** | 3.8 | **3.9** | 3.7 | 3.4 | 2.8 | 2.3 | 2.2 | 2.0 | 1.8 | 1.4 | 2.6 | 3.9 | 1.3 | 2.6 | Februar. |
| Мартъ ..... | 2.7 | 2.6 | **2.7** | **2.9** | 4.2 | **4.5** | 4.2 | 4.0 | 3.6 | 3.7 | 3.9 | 3.5 | 3.7 | 3.5 | 3.4 | 3.4 | 3.8 | 3.7 | 3.7 | 3.3 | **2.0** | 2.1 | 2.5 | 2.5 | 3.3 | 4.5 | 2.0 | 2.5 | März. |
| Апрѣль..... | 4.8 | 5.3 | **5.2** | 5.2 | 5.1 | 5.4 | 4.8 | 4.9 | 5.1 | 5.0 | **4.7** | 4.8 | 5.3 | 5.5 | 5.4 | 5.1 | 5.6 | 5.5 | 5.6 | 5.5 | **5.7** | 5.4 | 5.4 | 5.6 | 5.2 | 5.7 | 4.7 | 1.0 | April. |
| Май ..... | 8.6 | 8.8 | 9.0 | **9.6** | **9.6** | 9.3 | 9.4 | 9.2 | 9.2 | 8.8 | 8.3 | 8.2 | **7.6** | 8.2 | 7.8 | 7.9 | 8.1 | **8.3** | 8.5 | 8.6 | 7.9 | 8.1 | 8.3 | 8.6 | 8.6 | 9.6 | 7.6 | 2.0 | Mai. |
| Іюнь ..... | 8.6 | 8.2 | 8.2 | 8.1 | 8.3 | 8.1 | 8.3 | 8.7 | 8.6 | 8.3 | 8.3 | **8.0** | 8.2 | 8.3 | 8.2 | 8.1 | 8.4 | 8.1 | **8.6** | **8.8** | 8.3 | 8.5 | **8.8** | 8.6 | 8.4 | 8.8 | 8.0 | 0.8 | Juni. |
| Іюль ..... | 7.2 | **6.7** | 6.9 | 7.4 | **8.3** | 8.2 | 8.0 | 8.0 | 7.6 | 7.0 | 7.1 | 7.3 | 7.4 | 7.3 | 6.9 | 6.8 | 7.2 | 7.0 | 7.1 | 6.9 | 6.9 | 6.9 | 6.8 | 7.0 | **7.6** | 8.3 | 6.7 | 1.6 | Juli. |
| Августъ .... | **9.0** | 8.3 | 8.4 | 8.4 | 8.4 | 8.8 | 8.6 | 8.5 | 8.3 | 8.2 | 8.5 | 8.6 | 8.3 | **8.0** | **8.0** | 8.2 | 8.4 | 8.4 | 8.7 | 8.9 | 8.7 | 8.6 | 8.9 | 8.5 | 8.5 | 9 0 | 8.0 | 1.0 | August. |
| Осень ..... | **6.3** | 6.4 | 6.7 | 6.9 | 7.4 | 7.4 | 7.6 | 7.8 | 8.0 | 8.0 | 8.1 | **8.1** | 7.9 | 8.1 | 7.8 | **7.7** | 7.8 | **7.6** | 7.7 | 7.2 | **7.2** | 6.9 | 6.5 | 6.5 | 7.4 | 8.1 | 6.3 | 1.8 | Herbst. |
| Зима ..... | 3.5 | 3.3 | 3.2 | 3.3 | 3.5 | 3.2 | 3.2 | 3.5 | 4.1 | 4.3 | 4.6 | 4.7 | **5.1** | 4.9 | 4.7 | 4.4 | 3 9 | 3.8 | 3.5 | 3.3 | **2.9** | 3.2 | 3.3 | 3.5 | 3.8 | 5.1 | 2.9 | 2.2 | Winter. |
| Весна ..... | 5.4 | 5.6 | 5.6 | 5.9 | 6.3 | **6.4** | 6.1 | 6.0 | 6.0 | 5.8 | 5.6 | 5.5 | 5.5 | 5.7 | 5.5 | 5.5 | 5.8 | 5.8 | 5.9 | 5.8 | **5.2** | **5.2** | 5.4 | 5.6 | 5.7 | 6.4 | 5.2 | 1.2 | Frühling. |
| Лѣто ..... | 8.3 | **7.7** | 7.8 | 8.0 | 8.3 | 8.4 | 8.3 | **8.4** | 8.2 | 7.8 | 8.0 | 8.0 | 8.0 | 7.9 | **7.7** | **7.7** | 8.0 | 7.8 | 8.1 | 8.2 | 8.0 | 8.0 | 8.2 | 8.0 | 8.2 | 8.4 | 7.7 | 0.7 | Sommer. |
| Годъ ..... | 5.9 | **5.8** | **5.8** | 6.0 | 6.4 | 6.3 | 6.3 | 6.4 | 6.6 | 6.5 | 6.6 | **6.6** | **6.6** | 6.6 | 6.4 | 6.3 | 6.4 | **6.3** | **6.3** | 6.1 | **5.8** | **5.8** | 5.9 | 5.9 | 6.3 | 6.6 | 5.8 | 0.8 | Jahr. |

## Число осадковъ (снѣга и дождя).

## Häufigkeit der Niederschläge (Regen und Schnee).

| Мѣсяцы. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полд. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полн. Mittern. | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь | 4 | 8 | 7 | 3 | 4 | 6 | 10 | 7 | 4 | 5 | 6 | 5 | 7 | 9 | 8 | 9 | 5 | 4 | 8 | 4 | 7 | 6 | 7 | 6 | September. |
| Октябрь | 5 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 4 | 5 | 5 | 3 | 3 | 0 | 4 | 7 | 6 | 6 | 5 | 6 | October. |
| Ноябрь | 2 | 3 | 1 | 2 | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 6 | 2 | 2 | 3 | 5 | 7 | 7 | 5 | 4 | 3 | 4 | 3 | 2 | November. |
| Декабрь | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 4 | 3 | 3 | 2 | 1 | 1 | 2 | 3 | 3 | 2 | 3 | 1 | 2 | 3 | 3 | 3 | 4 | December. |
| Январь | 3 | 3 | 4 | 1 | 0 | 2 | 3 | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 1 | 2 | 3 | 3 | 2 | Januar. |
| Февраль | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 3 | 2 | 2 | 4 | 4 | 3 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | Februar. |
| Мартъ | 2 | 3 | 1 | 1 | 3 | 5 | 2 | 4 | 2 | 3 | 4 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | März. |
| Апрѣль | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 6 | 4 | 3 | 2 | 1 | 4 | 2 | 2 | 2 | 4 | 6 | 5 | 4 | 5 | 4 | 3 | 2 | April. |
| Май | 10 | 7 | 8 | 6 | 7 | 10 | 10 | 10 | 6 | 6 | 6 | 7 | 3 | 3 | 6 | 8 | 6 | 5 | 4 | 3 | 4 | 4 | 9 | 7 | Mai. |
| Іюнь | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 2 | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 2 | 4 | 4 | 2 | Juni. |
| Іюль | 2 | 3 | 4 | 3 | 2 | 1 | 4 | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 1 | 1 | Juli. |
| Августъ | 6 | 7 | 3 | 2 | 3 | 6 | 5 | 5 | 6 | 7 | 4 | 4 | 5 | 5 | 4 | 2 | 2 | 2 | 4 | 3 | 4 | 1 | 3 | 6 | August. |
| Осень | 11 | 15 | 12 | 9 | 10 | 11 | 16 | 12 | 12 | 12 | 15 | 14 | 13 | 16 | 16 | 17 | 15 | 11 | 17 | 15 | 16 | 16 | 15 | 14 | Herbst. |
| Зима | 7 | 6 | 6 | 3 | 3 | 5 | 5 | 7 | 6 | 6 | 5 | 3 | 6 | 7 | 8 | 6 | 3 | 3 | 3 | 5 | 6 | 7 | 7 | 7 | Winter. |
| Весна | 15 | 12 | 12 | 11 | 14 | 19 | 16 | 20 | 12 | 12 | 12 | 10 | 9 | 6 | 9 | 11 | 11 | 12 | 10 | 9 | 10 | 9 | 14 | 13 | Frühling. |
| Лѣто | 10 | 12 | 9 | 7 | 9 | 11 | 12 | 10 | 11 | 11 | 10 | 10 | 12 | 11 | 10 | 8 | 8 | 5 | 9 | 8 | 7 | 8 | 8 | 9 | Sommer. |
| Годъ | 43 | 45 | 39 | 30 | 36 | 46 | 49 | 49 | 41 | 41 | 42 | 37 | 40 | 40 | 43 | 42 | 37 | 31 | 39 | 37 | 39 | 40 | 44 | 43 | Jahr. |

## Сумма явленій.

## Summe der Erscheinungen.

| Мѣсяцы. | Роса. ⊔ Thau. | Иней. ⊔ Reif. | Изморозь. V Rauhfrost. | Гололедица. S Glatteis. | Туманъ. ≡ Nebel. | Дождь. ● Regen. | Снѣгъ. ✳ Schnee. | Крупа. △ Graupeln. | Кругъ около солнца. ⊕ Sonnenring. | Вѣнецъ около солнца. ◐ Sonnenhof. | Кругъ около луны. ☽ Mondring. | Вѣнецъ около луны. ☽ Mondhof. | Ледяныя иглы. ≮ Eisnadeln. | Радуга. ⌒ Regenbogen. | Сѣверное сіяніе. ⩙ Nordlicht. | Гроза. ↯ Gewitter. | Метель. ✣ Schneegestöber. | Столбы около солнца. ı·ı Säulen neben der Sonne. | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь | 5 | 3 | 0 | 2 | 7 | 81 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | September. |
| Октябрь | 0 | 0 | 6 | 0 | 16 | 0 | 92 | 0 | 3 | 0 | 14 | 8 | 0 | 0 | 89 | 0 | 121 | 13 | October. |
| Ноябрь | 0 | 0 | 0 | 0 | 9 | 0 | 89 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 178 | 0 | 170 | 3 | November. |
| Декабрь | 0 | 0 | 0 | 0 | 2 | 0 | 56 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 185 | 0 | 213 | 0 | December. |
| Январь | 0 | 0 | 1 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 47 | 11 | 0 | 0 | 202 | 0 | 120 | 0 | Januar. |
| Февраль | 0 | 0 | 0 | 0 | 8 | 0 | 33 | 0 | 3 | 2 | 13 | 4 | 0 | 0 | 191 | 0 | 133 | 0 | Februar. |
| Мартъ | 0 | 0 | 0 | 0 | 1 | 0 | 48 | 0 | 51 | 10 | 13 | 5 | 11 | 0 | 143 | 0 | 87 | 15 | März. |
| Апрѣль | 0 | 1 | 0 | 0 | 17 | 0 | 83 | 0 | 8 | 2 | 0 | 3 | 11 | 0 | 11 | 0 | 103 | 5 | April. |
| Май | 0 | 3 | 1 | 0 | 20 | 3 | 152 | 1 | 20 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 177 | 3 | Mai. |
| Іюнь | 0 | 0 | 0 | 1 | 55 | 39 | 33 | 3 | 1 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 31 | 0 | Juni. |
| Іюль | 0 | 0 | 0 | 0 | 97 | 55 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | Juli. |
| Августъ | 0 | 3 | 0 | 0 | 43 | 71 | 32 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | August. |
| Осень | 5 | 3 | 6 | 2 | 32 | 81 | 253 | 0 | 3 | 0 | 42 | 8 | 0 | 0 | 279 | 0 | 291 | 16 | Herbst. |
| Зима | 0 | 0 | 1 | 0 | 10 | 0 | 130 | 0 | 3 | 2 | 107 | 15 | 0 | 0 | 578 | 0 | 466 | 0 | Winter. |
| Весна | 0 | 4 | 1 | 0 | 38 | 3 | 283 | 1 | 79 | 12 | 13 | 8 | 23 | 0 | 154 | 0 | 367 | 23 | Frühling. |
| Лѣто | 0 | 3 | 0 | 1 | 195 | 165 | 65 | 4 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 1 | 31 | 4 | Sommer. |
| Годъ | 5 | 10 | 8 | 3 | 275 | 249 | 731 | 5 | 90 | 14 | 162 | 31 | 23 | 22 | 1011 | 1 | 1155 | 43 | Jahr. |

## Температура на поверхности земли.

## Temperatur an der Erdoberfläche.

| Мѣсяцы. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полд. Mittag. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Полн. Mittern. | Среднее. Mittel. | Наибольш. Maximum. | Наименьш. Minimum. | Разность. Differenz. | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь | — 1.06 | — 1.13 | — 1.26 | — 1.24 | — 1.18 | — 1.05 | — 0.59 | — 0.20 | + 0.60 | + 1.24 | + 1.88 | **+ 2.26** | + 2.02 | + 2.18 | + 1.51 | + 1.29 | + 0.72 | + 0.19 | — 0.27 | — 0.63 | — 0.98 | — 1.00 | — 1.20 | **— 1.28** | + 0.05 | + 2.26 | — 1.28 | 3 54 | September. |
| Октябрь | —15.35 | —15.44 | —15.35 | —15.29 | —15.23 | —15.30 | —15.53 | —15.35 | —15.16 | —14.75 | —14.41 | —14.20 | **—13.97** | —14.15 | —14.41 | —14.70 | —14.86 | —14.99 | —14.99 | —15.18 | —15.18 | —15.27 | —15.53 | **—15.75** | —15.01 | —13.97 | —15.75 | 1.78 | October. |
| Ноябрь | —27.74 | —27.72 | —27.73 | —27.72 | —27.62 | —27.63 | —27.46 | —27.33 | —27.20 | —27.27 | **—27.15** | —27.17 | —27.32 | —27.42 | —27.43 | —27.35 | —27.20 | —27.18 | —27.27 | —27.27 | —27.27 | —27.35 | —27.62 | **—27.80** | —27.50 | —27.15 | —24.80 | 0.65 | November. |
| Декабрь | —32.52 | —32.41 | **—32.25** | —32.65 | —32.42 | —32.45 | —32.61 | —32.50 | —32.70 | —32.76 | —32.82 | —32.88 | —32.91 | —32.88 | —33.04 | —33.08 | —33.22 | —33.26 | —33.11 | —33.10 | —33.24 | —33.22 | **—33.27** | —33.25 | —32.84 | —32.25 | —33.27 | 1.02 | December. |
| Январь | —35.40 | —35.46 | —35.43 | —35.51 | —35.53 | —35.67 | —35.67 | —35.66 | —35.67 | **—35.68** | —35.59 | —35.52 | —35.42 | —35.29 | —35.24 | —35.25 | —35.28 | **—35.23** | —35.31 | —35.31 | —35.47 | —35.31 | —35.30 | —35.47 | —35.45 | —35.23 | —35.68 | 0.45 | Januar. |
| Февраль | —40.07 | —40.11 | —40.12 | —40.21 | —40.20 | —40.28 | **—40.37** | —40.32 | —40.36 | —40.24 | —39.98 | —39.81 | —39.65 | —39.68 | —39.59 | —39.56 | —39.60 | —39.54 | **—39.39** | —39.46 | —39.50 | —39.59 | —39.67 | —39.73 | —39.89 | —39.39 | —40.37 | 0.98 | Februar. |
| Мартъ | —33.15 | —33.24 | —33.25 | **—33.42** | —33.40 | —33.37 | —33.26 | —32.82 | —32.37 | —31.69 | —31.11 | —30.69 | —30.41 | **—30.37** | —30.62 | —30.73 | —31.12 | —31.65 | —32.04 | —32.22 | —32.62 | —32.68 | —32.77 | —32.87 | —32.16 | —30.37 | —33.42 | 3.05 | März. |
| Апрѣль | —22.80 | —23.08 | —23.31 | **—23.41** | —23.08 | —22.56 | —21.56 | —20.65 | —19.55 | —18.70 | —18.24 | —18.04 | **—17.38** | —17.44 | —17.63 | —18.05 | —18.52 | —19.05 | —19.77 | —20.55 | —21.14 | —21.57 | —21.96 | —22.33 | —20.43 | —17.38 | —23.41 | 6.03 | April. |
| Май | —10.34 | **—10.35** | —10.27 | —10.05 | — 9.64 | — 9.25 | — 8.55 | — 7.80 | — 7.03 | — 6.53 | — 5.99 | — 5.68 | — 5.08 | — 5.19 | **— 4.90** | — 5.33 | — 6.01 | — 6.45 | — 7.14 | — 7.77 | — 8.49 | — 9.01 | — 9.40 | — 9.65 | — 7.75 | — 4.90 | —10.35 | 5.45 | Mai. |
| Іюнь | + 0.61 | **+ 0.59** | + 0.62 | + 0.90 | + 1.28 | + 1.67 | + 2.24 | + 2.82 | + 3.55 | + 4.47 | + 5.42 | + 5.78 | + 5.97 | + 5.91 | **+ 6.00** | + 5.59 | + 4.77 | + 4.87 | + 3.10 | + 2.30 | + 1.73 | + 1.25 | + 0.98 | + 0.84 | + 3.03 | + 6.00 | + 0.59 | 5.41 | Juni. |
| Іюль | + 3.55 | **+ 3.45** | + 3.75 | + 4.24 | + 5.00 | + 6.01 | + 6.76 | + 7.81 | + 8.55 | + 9.79 | +10.28 | +10.56 | **+10.72** | +10.61 | +10.45 | + 9.67 | + 9.05 | + 7.85 | + 6.68 | + 5.70 | + 4.97 | + 4.46 | + 3.97 | + 3.67 | + 6.98 | +10.72 | + 3.45 | 7.27 | Juli. |
| Августъ | + 1.43 | **+ 1.19** | + 1.25 | + 1.64 | + 2.30 | + 3.35 | + 4.85 | + 6.22 | + 7.70 | + 9.15 | +10.11 | +10.68 | +11.17 | **+11.21** | +10.28 | + 9.32 | + 8.06 | + 6.22 | + 4.89 | + 3.70 | + 2.84 | + 2.22 | + 1.80 | + 1.48 | + 5.54 | +11.21 | + 1.19 | 10.02 | August. |
| Осень | —14.72 | —14.76 | —14.78 | —14.75 | —14.68 | —14.66 | —14.53 | —14.29 | —13.92 | —13.59 | —13.28 | **—13.04** | —13.09 | —13.19 | —13.44 | —13.59 | —13.78 | —13.99 | —14.18 | —14.36 | —14.50 | —14.63 | —14.84 | **—14.94** | —14.15 | —13.04 | —14.94 | 1.90 | Herbst. |
| Зима | —36.00 | —35.99 | **—35.93** | —36.12 | —36.05 | —36.13 | —36.22 | —36.16 | **—36.24** | —36.23 | —36.13 | —36.07 | —35.99 | —35.95 | —35.96 | —35.96 | —36.03 | —36.01 | —35.94 | —35.96 | —36.07 | —36.04 | —36.08 | —36.15 | —36.06 | —35.93 | —36.24 | 0.31 | Winter. |
| Весна | —22.10 | —22.22 | —22.38 | **—22.29** | —22.04 | —21.75 | —21.12 | —20.42 | —19.65 | —18.97 | —18.45 | —18.14 | **—17.62** | —17.67 | —17.63 | —18.04 | —18.55 | —19.05 | —19.65 | —20.18 | —20.76 | —21.09 | —21.38 | —21.62 | —20.11 | —17.62 | —22.29 | 4.67 | Frühling. |
| Лѣто | + 1.86 | **+ 1.74** | + 1.57 | + 2.26 | + 2.86 | + 3.68 | + 4.62 | + 5.62 | + 6.60 | + 7.80 | + 8.60 | + 9.01 | **+ 9.29** | + 9.24 | + 8.91 | + 8.19 | + 7.29 | + 6.15 | + 4.89 | + 3.90 | + 3.18 | + 2.64 | + 2.25 | + 2.00 | + 5.18 | + 9.29 | + 1.74 | 7.55 | Sommer. |
| Годъ | —17.74 | **—17.81** | —17.78 | —17.73 | —17.48 | —17.21 | —16.81 | —16.31 | —15.80 | —15.25 | —14.80 | —14.56 | **—14.35** | —14.38 | —14.54 | —14.85 | —15.27 | —15.72 | —16.22 | —16.65 | —17.03 | —17.28 | —17.51 | —17.68 | —16.28 | —14.35 | —17.81 | 3.46 | Jahr. |

## Температура почвы въ глубинѣ 0.4 м.

## Bodentemperatur in 0.4 m. Tiefe.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь | **+ 1.03** | + 1.02 | + 1.00 | + 0.99 | + 0.98 | + 0.97 | + 0.96 | + 0.94 | + 0.93 | + 0.92 | + 0.90 | + 0.90 | + 0.90 | + 0.91 | + 0.91 | + 0.92 | + 0.91 | + 0.92 | + 0.93 | + 0.91 | + 0.91 | + 0.90 | + 0.89 | **+ 0.88** | + 0.94 | + 1.03 | + 0.88 | 0.15 | September. |
| Октябрь | **— 4.95** | — 4.98 | — 4.98 | — 5.00 | — 5.01 | — 5.02 | — 5.03 | — 5.04 | — 5.02 | — 5.05 | — 5.07 | — 5.08 | — 5.08 | — 5.10 | — 5.11 | — 5.10 | — 5.13 | — 5.15 | — 5.16 | — 5.15 | — 5.18 | — 5.21 | — 5.20 | **— 5.22** | — 5.09 | — 4.95 | — 5.22 | 0.27 | October. |
| Ноябрь | —14.68 | **—14.65** | **—14.65** | —14.68 | —14.66 | —14.69 | —14.75 | —14.77 | —14.77 | —14.77 | —14.78 | —14.78 | —14.78 | —14.78 | —14.79 | —14.83 | —14.85 | —14.87 | —14.85 | **—14.90** | —14.86 | —14.88 | **—14.90** | —14.81 | —14.79 | —14.65 | —14.90 | 0.25 | November. |
| Декабрь | —18.21 | —18.21 | —18.21 | **—18.20** | —18.24 | —18.26 | —18.32 | —18.30 | —18.26 | —18.29 | —18.30 | —18.29 | —18.30 | —18.38 | —18.38 | —18.32 | —18.32 | —18.34 | —18.35 | —18.38 | —18.39 | —18.40 | —18.41 | **—18.47** | —18.31 | —18.20 | —18.47 | 0.27 | December. |
| Январь | —21.68 | —21.70 | —21.68 | —21.69 | —21.67 | —21.68 | —21.72 | **—21.73** | **—21.73** | —21.66 | **—21.65** | **—21.65** | —21.66 | —21.67 | —21.67 | —21.67 | —21.68 | **—21.65** | —21.66 | —21.66 | —21.66 | —21.72 | —21.72 | **—21.73** | —21.68 | —21.65 | —21.73 | 0.08 | Januar. |
| Февраль | —24.70 | —24.72 | **—24.73** | **—24.73** | **—24.73** | —24.70 | —24.66 | **—24.73** | **—24.73** | —24.70 | —24.70 | —24.66 | —24.68 | —24.66 | —24.66 | —24.68 | —24.67 | —24.66 | **—24.65** | —24.67 | —24.66 | —24.67 | —24.66 | —24.66 | —24.69 | —24.65 | —24.73 | 0.08 | Februar. |
| Мартъ | —22.56 | —22.57 | —22.58 | —22.57 | —22.60 | —22.62 | —22.62 | **—22.67** | —22.65 | —22.65 | —22.60 | —22.59 | —22.57 | —22.59 | —22.57 | —22.58 | —22.56 | —22.55 | **—22.54** | —22.55 | —22.55 | —22.57 | **—22.54** | **—22.54** | —22.58 | —22.54 | —22.67 | 0.13 | März. |
| Апрѣль | —18.54 | —18.53 | —18.53 | —18.52 | —18.55 | —18.57 | —18.59 | —18.61 | —18.61 | **—18.62** | —18.60 | —18.57 | —18.54 | —18.53 | —18.51 | —18.50 | —18.46 | —18.42 | —18.36 | —18.35 | **—18.34** | —18.35 | —18.35 | —18.35 | —18.50 | —18.34 | —18.62 | 0.28 | April. |
| Май | **—13.15** | **—13.15** | **—13.15** | —13.17 | —13.22 | —13.21 | —13.20 | —13.22 | —13.21 | —13.22 | —13.22 | —13.22 | —13.35 | —13.33 | **—23.39** | —13.37 | —13.31 | —13.26 | —13.24 | —13.21 | —13.17 | **—13.15** | **—13.15** | **—13.15** | —13.37 | —13.15 | —13.39 | 0.24 | Mai. |
| Іюнь | — 1.55 | — 1.55 | — 1.55 | — 1.58 | — 1.58 | — 1.49 | — 1.53 | **— 1.62** | — 1.57 | — 1.57 | — 1.57 | — 1.58 | — 1.53 | — 1.52 | — 1.56 | — 1.47 | **— 1.42** | — 1.48 | — 1.52 | — 1.51 | — 1.48 | — 1.45 | — 1.51 | — 1.53 | — 1.46 | — 1.42 | — 1.62 | 0.20 | Juni. |
| Іюль | + 2.56 | + 2.52 | + 2.50 | + 2.45 | + 2.35 | + 2.34 | + 2.30 | **+ 2.23** | + 2.25 | + 2.25 | **+ 2.23** | + 2.23 | + 2.27 | + 2.33 | + 2.36 | + 2.41 | + 2.49 | + 2.52 | + 2.56 | + 2.59 | + 2.64 | **+ 2.68** | + 2.66 | + 2.63 | + 2.43 | + 2.68 | + 2.23 | 0.45 | Juli. |
| Августъ | + 2.19 | + 2.18 | + 2.15 | + 2.13 | + 2.08 | + 2.04 | + 2.00 | + 1.97 | + 1.95 | + 1.93 | + 1.92 | **+ 1.91** | + 1.92 | + 1.94 | + 1.96 | + 1.98 | + 2.01 | + 2.03 | + 2.10 | + 2.13 | + 2.17 | + 2.15 | + 2.18 | **+ 2.20** | + 2.05 | + 2.20 | + 1.91 | 0.29 | August. |
| Осень | **— 6.20** | **— 6.20** | — 6.21 | — 6.23 | — 6.23 | — 6.25 | — 6.27 | — 6.29 | — 6.29 | — 6.30 | — 6.32 | — 6.32 | — 6.32 | — 6.33 | — 6.33 | — 6.34 | — 6.36 | — 6.37 | — 6.36 | — 6.38 | — 6.38 | **— 6.40** | **— 6.40** | — 6.38 | — 6.31 | — 6.20 | — 6.40 | 0.20 | Herbst. |
| Зима | **—21.53** | —21.54 | —21.54 | —21.54 | —21.55 | —21.55 | —21.57 | —21.59 | —21.57 | —21.55 | —21.55 | **—21.53** | —21.55 | —21.55 | —21.55 | —21.56 | —21.56 | —21.56 | —21.55 | —21.55 | —21.57 | —21.60 | —21.60 | **—21.62** | —21.56 | —21.53 | —21.62 | 0.09 | Winter. |
| Весна | —18.08 | —18.08 | —18.09 | —18.09 | —18.12 | —18.13 | —18.14 | **—18.17** | —18.16 | —18.16 | **—18.17** | —18.13 | —18.15 | —18.15 | —18.16 | —18.15 | —18.11 | —18.08 | —18.05 | —18.04 | —18.02 | —18.02 | **—18.01** | **—18.01** | —18.15 | —18.01 | —18.17 | 0.16 | Frühling. |
| Лѣто | + 1.07 | + 1.05 | + 1.03 | + 1.00 | + 0.95 | + 0.96 | + 0.92 | + 0.86 | + 0.88 | + 0.87 | + 0.86 | **+ 0.85** | + 0.89 | + 0.92 | + 0.92 | + 0.97 | + 1.03 | + 1.02 | + 1.05 | + 1.07 | + 1.11 | **+ 1.13** | + 1.11 | + 1.10 | + 1.01 | + 1.13 | + 0.85 | 0.28 | Sommer. |
| Годъ | —11.19 | —11.19 | **—11.18** | —11.22 | —11.24 | —11.24 | —11.27 | **—11.30** | —11.29 | —11.29 | **—11.30** | —11.28 | —11.28 | —11.28 | —11.29 | —11.27 | —11.25 | —11.25 | —11.23 | —11.23 | —11.22 | —11.22 | —11.23 | —11.23 | —11.25 | —11.18 | —11.30 | 0.12 | Jahr. |

# САГАСТЫРЪ.

# СУТОЧНЫЯ СРЕДНІЯ.

---

# SSAGASTYR.

# TAGESMITTEL.

## Барометръ. — Luftdruck.

| Число. Datum. | Сентябрь 1882 September. | Октябрь 1882 October. | Ноябрь 1882 November. | Декабрь 1882 December. | Январь 1883 Januar. | Февраль 1883 Februar. | Мартъ 1883 März. | Апрѣль 1883 April. | Май 1883 Mai. | Іюнь 1883 Juni. | Іюль 1883 Juli. | Августъ 1883 August. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61.90 | 57.91 | 67.32 | 50.01 | 70.10 | 57.40 | 70.05 | 58.47 | 70.10 | 66.01 | 50.49 | 56.80 |
| 2 | 56.00 | 59.77 | 72.87 | 56.82 | 64.50 | 56.53 | 66.07 | 69.96 | 62.68 | 63.72 | 60.05 | 61.73 |
| 3 | 53.95 | 66.23 | 68.91 | 59.30 | 51.71 | 47.30 | 57.53 | 75.99 | 61.42 | 48.03 | 64.65 | 67.51 |
| 4 | 51.18 | 66.52 | 62.86 | 59.06 | 47.00 | 50.42 | 58.49 | 77.83 | 65.37 | 39.46 | 63.00 | 65.81 |
| 5 | 46.77 | 67.26 | 56.43 | 60.65 | 47.13 | 61.58 | 63.40 | 77.43 | 60.87 | 54.59 | 63.84 | 62.50 |
| 6 | 51.42 | 66.68 | 60.88 | 64.78 | 44.53 | 66.09 | 66.79 | 75.07 | 55.14 | 61.08 | 65.78 | 60.43 |
| 7 | 56.10 | 65.43 | 65.12 | 67.09 | 47.48 | 67.57 | 69.08 | 71.61 | 57.46 | 63.06 | 62.22 | 57.97 |
| 8 | 60.05 | 66.10 | 59.50 | 66.99 | 48.12 | 65.16 | 68.50 | 67.83 | 47.80 | 61.18 | 55.52 | 58.42 |
| 9 | 58.80 | 66.23 | 71.33 | 64.82 | 52.14 | 65.39 | 66.27 | 62.55 | 50.96 | 53.99 | 52.18 | 61.06 |
| 10 | 62.99 | 60.76 | 75.06 | 66.88 | 60.94 | 68.90 | 62.67 | 63.86 | 58.02 | 45.13 | 50.60 | 61.71 |
| 11 | 64.72 | 56.35 | 72.53 | 74.20 | 69.01 | 73.78 | 63.18 | 69.17 | 58.49 | 45.13 | 50.48 | 61.07 |
| 12 | 59.60 | 54.92 | 73.48 | 70.87 | 75.40 | 71.43 | 69.40 | 67.69 | 58.22 | 48.93 | 51.70 | 59.70 |
| 13 | 51.18 | 59.40 | 62.40 | 72.58 | 78.93 | 69.40 | 69.73 | 68.24 | 59.89 | 48.84 | 57.14 | 54.11 |
| 14 | 53.35 | 63.83 | 52.67 | 78.24 | 80.90 | 65.64 | 59.42 | 66.31 | 56.49 | 51.76 | 60.05 | 53.74 |
| 15 | 53.69 | 56.03 | 53.95 | 79.34 | 75.53 | 61.84 | 56.56 | 62.18 | 53.10 | 51.11 | 60.10 | 55.88 |
| 16 | 43.89 | 45.05 | 56.26 | 76.10 | 62.53 | 61.19 | 60.34 | 56.82 | 49.24 | 52.03 | 60.88 | 55.50 |
| 17 | 42.59 | 40.55 | 52.75 | 68.96 | 62.11 | 65.74 | 65.15 | 55.65 | 49.37 | 53.25 | 62.75 | 45.38 |
| 18 | 47.72 | 45.60 | 42.38 | 66.85 | 60.23 | 69.59 | 65.89 | 58.36 | 49.54 | 56.83 | 64.15 | 44.18 |
| 19 | 55.79 | 50.41 | 49.11 | 58.25 | 59.93 | 70.18 | 65.79 | 62.81 | 46.29 | 58.57 | 62.74 | 45.82 |
| 20 | 48.88 | 56.20 | 53.56 | 59.35 | 60.51 | 72.23 | 68.30 | 63.89 | 49.37 | 58.80 | 60.08 | 50.13 |
| 21 | 46.91 | 60.32 | 54.60 | 60.31 | 62.28 | 70.49 | 69.87 | 66.99 | 50.95 | 57.61 | 56.68 | 50.77 |
| 22 | 48.91 | 61.91 | 57.25 | 51.54 | 64.31 | 67.38 | 69.23 | 67.44 | 51.99 | 53.38 | 55.03 | 46.50 |
| 23 | 57.19 | 65.64 | 60.33 | 55.98 | 67.50 | 64.83 | 64.99 | 63.22 | 54.17 | 46.85 | 53.15 | 51.86 |
| 24 | 57.60 | 66.90 | 58.28 | 60.40 | 66.71 | 67.86 | 55.27 | 59.95 | 55.33 | 46.65 | 53.46 | 56.10 |
| 25 | 50.90 | 63.57 | 58.18 | 41.50 | 65.43 | 62.78 | 55.07 | 59.64 | 56.02 | 48.90 | 56.37 | 57.82 |
| 26 | 51.01 | 55.49 | 56.17 | 43.31 | 63.08 | 61.10 | 59.15 | 62.28 | 57.26 | 41.81 | 57.75 | 59.50 |
| 27 | 50.57 | 51.06 | 51.19 | 42.43 | 60.15 | 65.41 | 66.14 | 62.53 | 57.69 | 43.43 | 58.80 | 59.09 |
| 28 | 55.35 | 57.40 | 50.20 | 45.78 | 57.33 | 69.40 | 69.13 | 63.14 | 52.33 | 51.95 | 57.68 | 58.18 |
| 29 | 58.51 | 61.82 | 43.56 | 55.03 | 58.25 | | 66.08 | 66.78 | 55.62 | 52.59 | 53.99 | 57.58 |
| 30 | 59.67 | 62.27 | 43.29 | 65.63 | 61.60 | | 59.53 | 69.98 | 53.85 | 45.23 | 56.20 | 56.43 |
| 31 | | 62.25 | | 69.13 | 60.16 | | 55.09 | | 59.14 | | 55.11 | 56.53 |
| Среднее Mittel | 53.91 | 59.35 | 58.75 | 61.68 | 61.47 | 64.88 | 63.94 | 65.79 | 55.62 | 52.33 | 57.83 | 56.45 |

## Температура воздуха. — Temperatur der Luft.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 3.65 | — 9.17 | —27.26 | —34.50 | —43.85 | —43.86 | —37.11 | —26.01 | —15.40 | — 5.60 | + 3.07 | + 1.01 |
| 2 | + 6.78 | — 5.11 | —29.03 | —35.00 | —35.93 | —41.09 | —36.38 | —28.90 | —12.06 | — 4.03 | + 4.00 | + 1.13 |
| 3 | + 4.61 | — 3.90 | —32.19 | —33.84 | —32.82 | —33.55 | —28.34 | —26.33 | —14.47 | — 1.70 | + 4.84 | + 1.14 |
| 4 | + 3.95 | — 5.50 | —32.21 | —29.65 | —30.28 | —37.06 | —30.71 | —22.47 | —16.68 | — 1.10 | + 4.67 | + 5.00 |
| 5 | + 4.90 | — 6.98 | —27.74 | —30.53 | —34.47 | —42.11 | —35.70 | —29.23 | —14.67 | — 4.61 | + 2.94 | + 6.74 |
| 6 | + 3.56 | — 8.20 | —26.24 | —23.19 | —28.49 | —45.60 | —38.65 | —28.37 | —12.95 | — 2.77 | + 5.18 | + 4.01 |
| 7 | + 2.05 | — 8.19 | —28.91 | —25.82 | —33.25 | —49.53 | —38.72 | —18.78 | —12.45 | — 3.33 | + 7.58 | + 2.53 |
| 8 | + 1.83 | — 9.25 | —24.54 | —27.09 | —32.75 | —51.97 | —37.68 | —14.61 | — 7.36 | — 3.33 | + 8.23 | + 2.03 |
| 9 | + 1.59 | — 8.93 | —23.83 | —21.85 | —35.46 | —51.10 | —36.13 | —13.08 | —12.55 | — 3.19 | + 7.51 | + 1.91 |
| 10 | + 1.79 | — 8.47 | —26.46 | —33.20 | —37.32 | —50.18 | —35.49 | —19.66 | —17.43 | — 0.34 | + 6.43 | + 3.41 |
| 11 | + 2.11 | — 9.00 | —25.44 | —40.84 | —38.16 | —49.81 | —32.38 | —25.25 | —16.23 | — 0.27 | + 5.17 | + 3.48 |
| 12 | + 3.49 | — 9.18 | —22.54 | —36.19 | —33.31 | —47.26 | —36.42 | —18.66 | —13.56 | — 0.40 | + 4.48 | + 3.53 |
| 13 | + 7.25 | —10.90 | —24.03 | —31.00 | —38.15 | —44.30 | —34.45 | —17.88 | —11.82 | — 0.11 | + 3.84 | + 5.12 |
| 14 | + 2.95 | —16.00 | —22.34 | —33.50 | —40.61 | —37.25 | —20.20 | —14.50 | —10.91 | + 1.39 | + 3.10 | + 7.45 |
| 15 | + 1.08 | —14.21 | —26.30 | —38.05 | —40.54 | —35.01 | —25.05 | —19.32 | — 7.88 | + 0.68 | + 2.98 | + 5.65 |
| 16 | + 2.47 | —12.19 | —27.22 | —35.14 | —32.08 | —39.93 | —32.93 | —22.27 | — 3.38 | — 0.26 | + 3.13 | + 8.83 |
| 17 | + 2.25 | —12.53 | —32.78 | —30.22 | —31.12 | —44.05 | —33.11 | —20.51 | — 4.68 | + 0.42 | + 6.42 | + 5.66 |
| 18 | + 0.25 | —19.03 | —25.26 | —24.47 | —30.60 | —46.12 | —32.38 | —22.34 | — 6.90 | + 0.95 | + 5.77 | + 1.89 |
| 19 | — 0.29 | —14.27 | —31.71 | —24.90 | —32.12 | —47.14 | —31.92 | —21.44 | — 4.15 | + 0.90 | + 6.08 | + 1.41 |
| 20 | + 0.47 | —14.13 | —33.16 | —30.84 | —30.42 | —47.15 | —35.38 | —21.30 | — 5.61 | + 0.13 | + 7.39 | + 1.68 |
| 21 | — 2.82 | —19.34 | —27.28 | —35.25 | —37.08 | —47.29 | —35.36 | —20.01 | — 5.75 | + 0.17 | + 6.68 | + 4.00 |
| 22 | — 3.45 | —24.85 | —28.64 | —33.10 | —41.35 | —45.23 | —31.71 | —23.01 | — 5.60 | + 1.13 | + 6.63 | + 4.10 |
| 23 | — 4.84 | —26.40 | —31.73 | —37.88 | —41.42 | —32.75 | —33.79 | —22.13 | — 9.00 | + 2.00 | + 7.38 | + 3.06 |
| 24 | — 7.08 | —19.89 | —32.17 | —39.58 | —37.92 | —34.85 | —30.23 | —20.53 | —11.50 | + 5.48 | + 9.51 | + 1.85 |
| 25 | — 2.88 | —22.50 | —33.58 | —33.20 | —38.96 | —33.90 | —34.69 | —20.28 | — 8.54 | + 6.63 | + 4.10 | + 1.11 |
| 26 | — 2.13 | —24.53 | —31.47 | —38.01 | —39.75 | —34.76 | —38.08 | —18.12 | — 4.17 | + 5.40 | + 2.92 | + 1.15 |
| 27 | — 4.16 | —22.77 | —28.58 | —36.68 | —41.06 | —30.07 | —36.46 | —16.59 | — 2.68 | + 8.35 | + 2.14 | + 2.02 |
| 28 | — 6.88 | —26.15 | —24.19 | —33.64 | —41.60 | —33.32 | —35.61 | —19.75 | + 0.69 | + 7.68 | + 2.70 | + 2.99 |
| 29 | — 8.81 | —24.65 | —23.80 | —43.28 | —44.23 | | —33.74 | —20.30 | + 1.28 | + 6.71 | + 2.71 | + 5.00 |
| 30 | — 9.98 | —27.54 | —25.96 | —48.15 | —43.85 | | —28.83 | —17.36 | — 3.30 | + 3.88 | + 2.62 | + 4.94 |
| 31 | | —25.89 | | —44.12 | —45.78 | | —24.64 | | — 3.55 | | + 2.10 | + 4.10 |
| Среднее Mittel | + 0.06 | —15.15 | —27.89 | —33.64 | —36.93 | —42.01 | —33.30 | —20.97 | — 8.81 | + 0.70 | + 4.91 | + 3.48 |

## Упругость водяныхъ паровъ. — Spannkraft des Wasserdampfs.

| Число. Datum. | Сентябрь 1882 September. | Октябрь 1882 October. | Ноябрь 1882 November. | Декабрь 1882 December. | Январь 1883 Januar. | Февраль 1883 Februar. | Мартъ 1883 März. | Апрѣль 1883 April. | Май 1883 Mai. | Іюнь 1883 Juni. | Іюль 1883 Juli. | Августъ 1883 August |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.43 | 2.03 | 0.45 | 0.23 | 0.10 | 0.10 | 0.16 | 0.50 | 1.18 | 2.71 | 5.34 | 4.65 |
| 2 | 5.95 | 2.90 | 0.39 | 0.19 | 0.19 | 0.12 | 0.16 | 0.38 | 1.79 | 2.83 | 5.65 | 4.82 |
| 3 | 5.69 | 2.97 | 0.30 | 0.22 | 0.26 | 0.23 | 0.40 | 0.48 | 1.36 | 3.79 | 5.96 | 4.74 |
| 4 | 5.43 | 2.78 | 0.30 | 0.38 | 0.33 | 0.16 | 0.31 | 0.66 | 1.12 | 4.03 | 6.16 | 5.71 |
| 5 | 6.04 | 2.58 | 0.45 | 0.33 | 0.21 | 0.10 | 0.19 | 0.37 | 1.32 | 2.85 | 5.36 | 6.02 |
| 6 | 5.49 | 2.38 | 0.51 | 0.62 | 0.38 | 0.08 | 0.12 | 0.40 | 1.50 | 3.14 | 5.90 | 5.23 |
| 7 | 4.85 | 2.08 | 0.40 | 0.53 | 0.25 | 0.00 | 0.12 | 0.95 | 1.56 | 3.23 | 5.97 | 4.96 |
| 8 | 4.64 | 2.03 | 0.60 | 0.44 | 0.28 | 0.00 | 0.15 | 1.20 | 2.42 | 3.38 | 7.04 | 4.90 |
| 9 | 4.48 | 2.10 | 0.60 | 0.69 | 0.20 | 0.00 | 0.17 | 1.45 | 1.62 | 3.38 | 7.28 | 4.95 |
| 10 | 4.66 | 2.10 | 0.48 | 0.28 | 0.15 | 0.00 | 0.18 | 0.93 | 0.98 | 4.21 | 7.18 | 5.37 |
| 11 | 4.40 | 2.01 | 0.53 | 0.10 | 0.14 | 0.00 | 0.26 | 0.52 | 1.08 | 4.17 | 6.52 | 5.31 |
| 12 | 5.37 | 2.12 | 0.68 | 0.18 | 0.23 | 0.03 | 0.17 | 0.91 | 1.41 | 4.12 | 6.18 | 5.67 |
| 13 | 6.63 | 1.87 | 0.59 | 0.28 | 0.13 | 0.08 | 0.20 | 1.01 | 1.65 | 4.31 | 5.75 | 6.10 |
| 14 | 5.14 | 1.15 | 0.70 | 0.21 | 0.10 | 0.15 | 0.82 | 1.31 | 1.93 | 4.60 | 5.61 | 6.73 |
| 15 | 4.72 | 1.39 | 0.50 | 0.14 | 0.11 | 0.20 | 0.58 | 0.94 | 2.51 | 4.52 | 5.40 | 5.83 |
| 16 | 5.22 | 1.71 | 0.44 | 0.19 | 0.26 | 0.12 | 0.24 | 0.67 | 3.53 | 4.33 | 5.47 | 6.59 |
| 17 | 5.08 | 1.59 | 0.26 | 0.33 | 0 30 | 0.10 | 0.25 | 0.79 | 3.08 | 4.65 | 5.90 | 6.83 |
| 18 | 4.24 | 0.87 | 0.53 | 0.53 | 0.34 | 0.06 | 0.25 | 0.68 | 2.57 | 4.70 | 6.28 | 4.78 |
| 19 | 2.88 | 1.37 | 0.28 | 0.53 | 0.28 | 0.04 | 0.29 | 0.70 | 3.23 | 4.65 | 6.25 | 4.64 |
| 20 | 3.95 | 1.38 | 0.24 | 0.32 | 0.31 | 0.02 | 0.20 | 0.77 | 2.68 | 4.40 | 6.48 | 4.66 |
| 21 | 3.16 | 0.80 | 0.41 | 0.20 | 0.16 | 0.03 | 0.21 | 0.80 | 2.45 | 4.35 | 6.53 | 5.58 |
| 22 | 3.10 | 0.52 | 0.37 | 0.21 | 0.10 | 0.06 | 0.27 | 0.62 | 2.84 | 4.80 | 6.57 | 5.98 |
| 23 | 2.85 | 0.45 | 0.26 | 0.13 | 0.10 | 0.28 | 0.22 | 0.68 | 2.03 | 5.25 | 6.67 | 5.24 |
| 24 | 2.46 | 0.82 | 0.26 | 0.11 | 0.15 | 0.21 | 0.35 | 0.83 | 1.57 | 5.94 | 7.39 | 4.79 |
| 25 | 3.38 | 0.63 | 0.23 | 0.25 | 0.12 | 0.24 | 0.22 | 0.82 | 2.10 | 6.58 | 5.78 | 4.40 |
| 26 | 3.53 | 0.52 | 0.28 | 0.15 | 0.11 | 0.21 | 0.13 | 1.01 | 3.15 | 6.58 | 5.25 | 4.49 |
| 27 | 2.97 | 0.62 | 0.38 | 0.16 | 0.10 | 0.33 | 0.17 | 1.08 | 3.58 | 6.62 | 5.20 | 4.85 |
| 28 | 2.37 | 0.46 | 0.56 | 0.23 | 0.10 | 0.26 | 0.19 | 0.80 | 4.64 | 6.10 | 5.30 | 5.07 |
| 29 | 2.03 | 0.52 | 0.58 | 0.09 | 0.10 | | 0.23 | 0.78 | 4.82 | 6.45 | 5.34 | 5.01 |
| 30 | 1.97 | 0.43 | 0.48 | 0.00 | 0.10 | | 0.39 | 1.00 | 3.42 | 5.97 | 5.39 | 6.03 |
| 31 | | 0.51 | | 0.09 | 0.09 | | 0.57 | | 3.05 | | 4.90 | 5.80 |
| Среднее Mittel | 4.27 | 1.47 | 0.43 | 0.27 | 0.19 | 0.11 | 0.26 | 0.80 | 2.33 | 4.55 | 6.00 | 5.35 |

## Относительная влажность. — Relative Feuchtigkeit.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 90.5 | 88.6 | 90.2 | 79.9 | 79.0 | 79.8 | 81.7 | 87.4 | 87.8 | 90.3 | 93.6 | 93.9 |
| 2 | 81.9 | 93.6 | 92.3 | 78.3 | 80.1 | 80.4 | 81.5 | 85.4 | 92.8 | 84.4 | 92.9 | 96.3 |
| 3 | 89.8 | 86.9 | 88.3 | 80.5 | 82.4 | 83.5 | 86.2 | 85.5 | 92.8 | 92.3 | 92.0 | 95.1 |
| 4 | 89.8 | 93.1 | 87.9 | 85.3 | 84.4 | 85.4 | 85.1 | 86.8 | 89.3 | 94.3 | 96.5 | 87 6 |
| 5 | 93.5 | 95.5 | 92.0 | 82.6 | 83.0 | 80.1 | 82.6 | 84.3 | 89.5 | 88.3 | 94.8 | 82.6 |
| 6 | 92.5 | 97.5 | 93.3 | 85.3 | 84.8 | 78.3 | 80.7 | 84.0 | 90.9 | 84.1 | 89.2 | 86.3 |
| 7 | 90.8 | 85.8 | 91.5 | 85.1 | 84.5 | 77.3 | 80.6 | 91.2 | 89.7 | 90.8 | 76.6 | 90.5 |
| 8 | 88.5 | 89.7 | 93.1 | 83.5 | 83.9 | 76.8 | 81.1 | 83.8 | 92.6 | 94 8 | 87.1 | 92.8 |
| 9 | 87.3 | 92.3 | 89.5 | 86.7 | 84.5 | 76.5 | 82.0 | 86.5 | 90.0 | 94.0 | 93.9 | 93.8 |
| 10 | 89.1 | 89.1 | 86.8 | 83.3 | 82.2 | 77.1 | 81.6 | 91.3 | 83.7 | 93.5 | 98.2 | 92.1 |
| 11 | 82.0 | 89.0 | 86.8 | 77.9 | 81.5 | 77.1 | 83.0 | 87.5 | 85.5 | 92.2 | 98.8 | 90.6 |
| 12 | 91.3 | 95.0 | 89.5 | 78.5 | 83.3 | 77.9 | 81.4 | 88 0 | 88.8 | 91.6 | 98.0 | 95.9 |
| 13 | 87.4 | 94.8 | 89.0 | 81.3 | 82.1 | 78.9 | 81.2 | 87.6 | 92 0 | 94.0 | 95.7 | 92.9 |
| 14 | 90.7 | 89.3 | 91.4 | 80.8 | 81.0 | 81.8 | 90.3 | 89.2 | 97.8 | 90.6 | 97.8 | 88.0 |
| 15 | 94.7 | 92.5 | 89.8 | 78.8 | 80.5 | 83.0 | 89.5 | 88.9 | 99.6 | 93.4 | 94.8 | 85.2 |
| 16 | 95.0 | 97.8 | 89.1 | 79.5 | 84.0 | 81.1 | 84.8 | 85.3 | 98.5 | 95.9 | 95.2 | 79.2 |
| 17 | 93.9 | 92.7 | 85.4 | 81.8 | 83.8 | 79.7 | 83.5 | 85.3 | 95.3 | 98.2 | 83.4 | 97.7 |
| 18 | 90.2 | 86.5 | 88.3 | 86.0 | 86.7 | 79.1 | 83.5 | 83.7 | 94.9 | 95.6 | 91.7 | 90.5 |
| 19 | 74.2 | 92.2 | 82.0 | 86.1 | 86.1 | 78.7 | 84.3 | 83.7 | 96.5 | 94.3 | 89.4 | 90.8 |
| 20 | 82.8 | 91.8 | 80.3 | 84.3 | 87.1 | 78.6 | 83.0 | 86.0 | 88.3 | 94.9 | 84.5 | 89.8 |
| 21 | 84.4 | 87.6 | 83.1 | 82.3 | 86.5 | 78.3 | 82.7 | 86.7 | 81.2 | 93.4 | 89.4 | 91.2 |
| 22 | 87.9 | 84.1 | 82.5 | 82.2 | 84.6 | 79.0 | 83.8 | 85.2 | 94.3 | 95.5 | 90 3 | 97.0 |
| 23 | 90.2 | 83.1 | 81.5 | 80.4 | 83.6 | 85.8 | 83 6 | 85.3 | 89.4 | 99.0 | 87.3 | 91.7 |
| 24 | 92.8 | 88.8 | 82.2 | 79.0 | 84.0 | 86.8 | 85.1 | 89.0 | 83.0 | 88.3 | 83.8 | 91.0 |
| 25 | 91.6 | 86.4 | 83.9 | 83.5 | 84.0 | 84.7 | 84.0 | 91.0 | 88.3 | 90.6 | 94.2 | 88.1 |
| 26 | 90.3 | 85.4 | 84.2 | 82.3 | 83.4 | 83.6 | 82.0 | 90.9 | 94.2 | 97.5 | 93.0 | 89.7 |
| 27 | 86.3 | 87.3 | 84.5 | 81.5 | 83.1 | 86.0 | 82.1 | 87.3 | 94.9 | 81.4 | 96.7 | 91.5 |
| 28 | 88.3 | 84.2 | 87.3 | 82.8 | 83.0 | 83.8 | 82.4 | 84.3 | 95.4 | 78.0 | 95.0 | 89.5 |
| 29 | 88.8 | 84.4 | 87.0 | 80.5 | 81.5 | | 83.3 | 86.0 | 95.5 | 88.1 | 95.6 | 78.0 |
| 30 | 93.9 | 84.8 | 85.3 | 79.1 | 80.1 | | 85.6 | 88.5 | 93.7 | 98.5 | 97.2 | 93.0 |
| 31 | | 88.1 | | 79.1 | 79.5 | | 88.2 | | 86.9 | | 91.8 | 94.7 |
| Среднее Mittel | 89.0 | 89.6 | 87.3 | 81.9 | 83.2 | 80.7 | 83 6 | 86.9 | 91.4 | 91.9 | 92.2 | 90.5 |

## Скорость вѣтра. — Geschwindigkeit des Windes.

| Число. Datum. | Сентябрь 1882 September. | Октябрь 1882 October. | Ноябрь 1882 November. | Декабрь 1882 December. | Январь 1883 Januar. | Февраль 1883 Februar. | Мартъ 1883 März. | Апрѣль 1883 April. | Май 1883 Mai. | Іюнь 1883 Juni. | Іюль 1883 Juli. | Августъ 1883 August. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.4 | 6.5 | 11.2 | 4.8 | 1.0 | 2.3 | 4.1 | 2.8 | 5.6 | 4.6 | 9.5 | 8.4 |
| 2 | 4.5 | 3.6 | 5.1 | 2.2 | 3.2 | 2.2 | 3 3 | 2.8 | 10.2 | 3.6 | 4.8 | 6.5 |
| 3 | 4.0 | 7.2 | 1.5 | 7.3 | 4.9 | 6.7 | 5.6 | 5.9 | 4.9 | 8.0 | 5.4 | 5.3 |
| 4 | 4.7 | 9.9 | 3.3 | 10.8 | 5.1 | 10.7 | 7.5 | 3.7 | 4.3 | 6.4 | 8.0 | 9.0 |
| 5 | 6.3 | 4.4 | 6.9 | 5.4 | 5.0 | 8.3 | 4.0 | 3.2 | 5.8 | 4.6 | 8.1 | 12.9 |
| 6 | 4.9 | 3.5 | 3.0 | 4.1 | 7.8 | 3.5 | 2.0 | 4.8 | 8.3 | 4.9 | 7.8 | 11.0 |
| 7 | 6.7 | 8.9 | 4.5 | 3.5 | 6.2 | 2.1 | 2.7 | 10.2 | 8.2 | 8.8 | 11.5 | 8.0 |
| 8 | 5.3 | 7.7 | 9.2 | 2.4 | 10.0 | 3.0 | 2 7 | 8.9 | 5.4 | 12.7 | 14.1 | 5.9 |
| 9 | 6.5 | 10.2 | 5.0 | 3.2 | 6.3 | 3.6 | 3.3 | 10.6 | 3.7 | 16.1 | 10.4 | 6.8 |
| 10 | 5.1 | 10.8 | 3.2 | 8.8 | 3.4 | 3.7 | 3.5 | 6.9 | 3.8 | 8.5 | 5.8 | 6.0 |
| 11 | 4.4 | 8.6 | 2.8 | 3.8 | 3.1 | 4.7 | 2.0 | 4.1 | 8.0 | 7.6 | 4.2 | 7.0 |
| 12 | 5.1 | 4.3 | 3.1 | 4.3 | 2.1 | 4.4 | 4.5 | 5.8 | 7.4 | 4.0 | 6.5 | 9.8 |
| 13 | 6.8 | 2.2 | 10.5 | 4.9 | 2.0 | 5.2 | 5.7 | 4.5 | 10.5 | 4.6 | 6.8 | 12.3 |
| 14 | 9.3 | 4.7 | 13.1 | 1.4 | 3.0 | 9 4 | 6.3 | 2.6 | 15.5 | 3.7 | 7.5 | 6.5 |
| 15 | 4.3 | 13.5 | 5.8 | 2.7 | 6.5 | 8.7 | 5.8 | 3.0 | 13.1 | 6.5 | 8.4 | 4.3 |
| 16 | 2.7 | 13.6 | 3.8 | 3.5 | 12.3 | 5.2 | 5.5 | 5.5 | 5.4 | 6.1 | 7.4 | 3.0 |
| 17 | 3.1 | 11.3 | 3.5 | 8.4 | 8.8 | 3.4 | 9.2 | 4.9 | 8.1 | 6.3 | 4.2 | 10.1 |
| 18 | 5.1 | 5.0 | 8.5 | 10.2 | 8.5 | 2.0 | 8.0 | 6.3 | 7.8 | 3.7 | 6.0 | 9.2 |
| 19 | 6.1 | 3.2 | 4.3 | 9.7 | 8.5 | 0.6 | 3.8 | 6.5 | 6.4 | 4.9 | 10.1 | 7.8 |
| 20 | 9.0 | 2.9 | 1.6 | 8.3 | 3.9 | 0.8 | 3.9 | 6.4 | 6.8 | 5.7 | 13.5 | 6.0 |
| 21 | 7.0 | 2.7 | 3.0 | 8.1 | 2.3 | 2.0 | 3.3 | 7.0 | 3.4 | 5.2 | 13.6 | 7.4 |
| 22 | 5.5 | 2.0 | 2.9 | 8.2 | 1.7 | 3 4 | 3.0 | 4.9 | 6.5 | 7.4 | 12.8 | 8.3 |
| 23 | 8.6 | 1.7 | 5.8 | 2.3 | 1.5 | 14.5 | 4.3 | 5.3 | 8.9 | 11.1 | 13.3 | 7.6 |
| 24 | 9.9 | 3.1 | 11.8 | 2.9 | 2.3 | 14.6 | 5.3 | 10.5 | 4.8 | 3.5 | 12.5 | 7.0 |
| 25 | 9.2 | 2.3 | 8.8 | 12.0 | 3.3 | 8 3 | 6.0 | 10.4 | 6.8 | 6.4 | 13.8 | 5.5 |
| 26 | 11.1 | 5.8 | 5.0 | 5.6 | 3.5 | 2.1 | 3.9 | 5.6 | 7.1 | 6.3 | 9.5 | 5.5 |
| 27 | 9.3 | 7.9 | 2.1 | 3.3 | 1.9 | 1.9 | 5.0 | 4.0 | 5.8 | 7.6 | 7.5 | 2.8 |
| 28 | 9.1 | 3.2 | 4.2 | 4.9 | 2.5 | 3.2 | 5.3 | 3.5 | 7.8 | 4.5 | 8.8 | 2.8 |
| 29 | 10.3 | 5.4 | 6.5 | 2.9 | 1.9 | | 3.8 | 3.5 | 2.6 | 9.0 | 8.2 | 4.7 |
| 30 | 9.6 | 11.9 | 8.2 | 0.3 | 1.0 | | 7.3 | 3.6 | 6.3 | 12.4 | 8.7 | 4.3 |
| 31 | | 12.6 | | 2.8 | 1 0 | | 5.4 | | 5.5 | | 8.0 | 5.3 |
| Среднее Mittel | 6.7 | 6.5 | 5.6 | 5.3 | 4.3 | 5.0 | 4.7 | 5.6 | 6.9 | 6.8 | 8.9 | 7.0 |

## Облачность. — Bewölkung.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.0 | 7.3 | 6.1 | 4.1 | 0.5 | 1.7 | 1.0 | 1.5 | 8.4 | 8.7 | 10.0 | 9.9 |
| 2 | 6.8 | 9.8 | 3.0 | 4.0 | 5.2 | 5.7 | 3.8 | 0.9 | 7.7 | 10.0 | 8.0 | 10.0 |
| 3 | 9.5 | 8.9 | 0.2 | 5.7 | 5.9 | 9.3 | 7.1 | 5.2 | 7.7 | 9.0 | 9.4 | 9.8 |
| 4 | 8.5 | 8.9 | 0.4 | 10.0 | 7.1 | 6.6 | 7.0 | 6.5 | 4.5 | 9.9 | 9.0 | 3.6 |
| 5 | 9.8 | 10.0 | 5.8 | 4.8 | 2.3 | 1.1 | 1.5 | 0.8 | 6.9 | 10.0 | 7.3 | 1.9 |
| 6 | 9.5 | 10.0 | 6.3 | 10.0 | 9.5 | 0.1 | 0.0 | 1.8 | 9.4 | 10.0 | 3.8 | 3.9 |
| 7 | 9.7 | 6.6 | 3.8 | 6.0 | 6.7 | 0.2 | 0.9 | 9.6 | 10.0 | 8.1 | 0.8 | 6.0 |
| 8 | 8.9 | 6.0 | 8.2 | 5.8 | 6.0 | 0.9 | 1.6 | 9.9 | 9.1 | 1.5 | 5.5 | 9.7 |
| 9 | 9.6 | 3.8 | 6.1 | 10.0 | 1.9 | 0.8 | 1.2 | 10.0 | 8.7 | 7.5 | 8.9 | 9.8 |
| 10 | 9.7 | 7.9 | 6.1 | 7.1 | 2.5 | 0.2 | 1.0 | 2.3 | 5.4 | 9.6 | 9.5 | 7.2 |
| 11 | 8.4 | 9.3 | 7.7 | 0.2 | 4.4 | 0.3 | 6.5 | 5.7 | 6.5 | 9.8 | 10.0 | 4.0 |
| 12 | 9.2 | 9.3 | 7.1 | 4.7 | 7.3 | 0.5 | 1.5 | 9.1 | 9.4 | 9.7 | 10.0 | 9.2 |
| 13 | 8.3 | 9.8 | 5.8 | 4.0 | 3.4 | 0.2 | 5.0 | 8.1 | 3.1 | 7.6 | 10.0 | 7.0 |
| 14 | 9.1 | 8.4 | 9.2 | 6.2 | 0.3 | 3.1 | 10.0 | 9.8 | 9.9 | 6.6 | 10.0 | 8.8 |
| 15 | 10.0 | 10.0 | 5.3 | 1.4 | 0.0 | 7.2 | 4.4 | 4.4 | 10.0 | 8.5 | 10.0 | 8.8 |
| 16 | 10.0 | 10.0 | 4.9 | 0.0 | 5.8 | 2.8 | 0.2 | 3.7 | 9.9 | 8.5 | 10.0 | 8.6 |
| 17 | 9.4 | 9.6 | 1.0 | 4.3 | 7.2 | 1.2 | 1.0 | 5.0 | 10.0 | 10.0 | 3.8 | 10.0 |
| 18 | 9.5 | 7.1 | 8.5 | 8.5 | 4.4 | 0.2 | 1.2 | 0.0 | 10.0 | 9.9 | 7.8 | 10.0 |
| 19 | 8.1 | 5.3 | 4.8 | 9.3 | 3.7 | 0.0 | 6.3 | 0.0 | 9.8 | 6.8 | 4.1 | 10.0 |
| 20 | 9.7 | 8.3 | 4.3 | 6.8 | 7.0 | 0.5 | 2.1 | 1.9 | 8.4 | 7.4 | 0.5 | 10.0 |
| 21 | 8.2 | 5.7 | 8.2 | 5.1 | 0.7 | 0.3 | 0.8 | 5.0 | 7.7 | 9.8 | 5.9 | 10.0 |
| 22 | 7.5 | 0.8 | 8.0 | 2.4 | 0.2 | 1.7 | 8.9 | 2.4 | 9.8 | 8.6 | 4.3 | 8.0 |
| 23 | 8.9 | 0.3 | 9.2 | 0.2 | 1.7 | 2.3 | 2.7 | 4.0 | 10.0 | 9.8 | 2.7 | 9.3 |
| 24 | 9.3 | 8.7 | 9.9 | 3.9 | 7.3 | 0.4 | 6.1 | 5.5 | 8.4 | 8.8 | 0.3 | 9.6 |
| 25 | 10.0 | 7.8 | 3.5 | 7.1 | 2.8 | 4.5 | 4.5 | 1.9 | 7.6 | 8.1 | 7.6 | 8.4 |
| 26 | 9.6 | 5.9 | 2.8 | 6.3 | 3.3 | 6.1 | 3.6 | 8.1 | 9.8 | 9.3 | 8.0 | 9.5 |
| 27 | 9.9 | 0.6 | 6.0 | 6.7 | 3.2 | 8.5 | 1.4 | 10.0 | 9.9 | 4.8 | 10.0 | 10.0 |
| 28 | 6.6 | 1.5 | 10.0 | 7.4 | 2.3 | 6.5 | 4.9 | 7.9 | 9.0 | 5.4 | 10.0 | 10.0 |
| 29 | 8.0 | 7.4 | 9.3 | 2.8 | 0.7 | | 2.8 | 6.6 | 10.0 | 7.5 | 10.0 | 9.9 |
| 30 | 7.1 | 9.2 | 9.1 | 0.6 | 1.2 | | 0.3 | 9.8 | 9.4 | 10.0 | 9.9 | 10.0 |
| 31 | | 10.0 | | 2.3 | 0.2 | | 4.5 | | 10.0 | | 7.6 | 10.0 |
| Среднее Mittel | 9.0 | 7.2 | 6.0 | 5.1 | 3.7 | 2.6 | 3.3 | 5.2 | 8.6 | 8.4 | 7.6 | 8.5 |

## Температура на поверхности земли.—Temperatur an der Erdoberfläche.

| Число. Datum. | Сентябрь 1882 September. | Октябрь 1882 October. | Ноябрь 1882 November. | Декабрь 1882 December. | Январь 1883 Januar. | Февраль 1883 Februar. | Мартъ 1883 März. | Апрѣль 1883 April. | Май 1883 Mai. | Іюнь 1883 Juni. | Іюль 1883 Juli. | Августъ 1883 August. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 4.11 | —10.51 | —26.63 | —32.50 | —42.83 | —41.21 | —34.50 | —26.83 | —13.05 | + 1.55 | + 3.82 | + 3.23 |
| 2 | + 6.91 | — 5.34 | —29.01 | —33.57 | —36.18 | —39.04 | —34.85 | —28.95 | —12.29 | + 2.19 | + 7.20 | + 3.88 |
| 3 | + 4.04 | — 4.59 | —32.48 | —31.96 | —32.81 | —32.57 | —28.29 | —27.05 | —13.93 | + 1.63 | + 7.98 | + 4.96 |
| 4 | + 3.27 | — 6.04 | —32.44 | —27.09 | —29.72 | —35.30 | —28.78 | —22.67 | —15.99 | + 0.87 | + 6.71 | + 7.74 |
| 5 | + 4.56 | — 6.22 | —27.39 | —28.61 | —34.04 | —40.59 | —33.46 | —28.74 | —13.94 | + 0.64 | + 5.85 | + 8.64 |
| 6 | + 3.95 | — 6.92 | —25.70 | —22.81 | —28.10 | —43.27 | —36.45 | —27.39 | —11.97 | + 0.84 | + 7.43 | + 7.52 |
| 7 | + 1.74 | — 7.54 | —27.89 | —24.35 | —31.03 | —46.15 | —37.65 | —19.61 | —11.82 | — 0.64 | + 8.59 | + 5.38 |
| 8 | + 2.04 | — 9.48 | —23.67 | —25.54 | —31.97 | —47.85 | —36.79 | —13.92 | — 7.60 | — 0.15 | + 9.84 | + 4.50 |
| 9 | + 1.37 | — 8.41 | —23.69 | —20.84 | —34.30 | —48.22 | —35.55 | —13.80 | —10.33 | — 0.49 | + 8.10 | + 5.05 |
| 10 | + 1.68 | — 7.24 | —26.49 | —31.34 | —36.17 | —46.98 | —34.79 | —18.47 | —15.05 | + 0.73 | + 9.05 | + 8.48 |
| 11 | + 2.25 | — 7.65 | —25.65 | —40.05 | —37.10 | —46.94 | —31.62 | —23.88 | —15.42 | + 1.58 | + 8.23 | + 8.10 |
| 12 | + 3.00 | — 7.98 | —23.06 | —36.29 | —31.79 | —44.82 | —34.51 | —18.65 | —13.68 | + 2.08 | + 5.91 | + 6.41 |
| 13 | + 6.40 | — 8.37 | —23.16 | —31.11 | —36.03 | —42.71 | —33.34 | —17.15 | —12.42 | + 1.04 | + 5.33 | + 7.23 |
| 14 | + 2.90 | —13.72 | —22.01 | —33.01 | —38.75 | —37.03 | —21.91 | —14.23 | —11.60 | + 3.93 | + 4.25 | +10.60 |
| 15 | + 1.28 | —13.92 | —26.14 | —36.84 | —39.05 | —34.02 | —24.88 | —16.73 | — 9.11 | + 1.51 | + 4.60 | + 8.31 |
| 16 | + 2.87 | —12.09 | —26.45 | —35.72 | —31.83 | —38.09 | —31.59 | —21.20 | — 3.88 | + 1.19 | + 5.45 | +13.32 |
| 17 | + 2.05 | —12.65 | —31.56 | —31.10 | —30.76 | —41.87 | —32.14 | —19.46 | — 4.20 | + 2.59 | + 9.98 | + 6.40 |
| 18 | + 0.65 | —19.93 | —25.40 | —24.98 | —29.81 | —43.20 | —31.25 | —22.06 | — 6.15 | + 3.89 | + 8.56 | + 3.21 |
| 19 | — 1.58 | —16.40 | —30.12 | —24.80 | —31.25 | —43.70 | —31.00 | —21.40 | — 4.33 | + 3.18 | + 9.31 | + 2 44 |
| 20 | — 0.09 | —14.70 | —33.72 | —29.45 | —30.45 | —43.68 | —34.01 | —21.15 | — 5.52 | + 2.77 | +10.16 | + 2.75 |
| 21 | — 1.93 | —18.06 | —28.10 | —35.13 | —34.98 | —44.48 | —34.18 | —19.90 | — 5.54 | + 2.89 | + 8.98 | + 4.43 |
| 22 | — 3.48 | —25.03 | —28.25 | —32.98 | —38.40 | —43.14 | —30.06 | —22.68 | — 3.10 | + 2.58 | + 8.35 | + 4.54 |
| 23 | — 4.19 | —27.96 | —30.05 | —36.88 | —39.22 | —32.78 | —31.79 | —21.07 | — 5.70 | + 2.93 | + 9.46 | + 4.26 |
| 24 | — 6.60 | —20.53 | —29.58 | —38.58 | —36.84 | —33.60 | —29.70 | —20.16 | — 9.36 | + 7.10 | +11.63 | + 2.70 |
| 25 | — 3.06 | —22.90 | —32.70 | —33.23 | —37.43 | —33.03 | —32.24 | —19.81 | — 6.09 | + 7.74 | + 6.30 | + 2.51 |
| 26 | — 2.32 | —24.45 | —32.66 | —38.06 | —38.06 | —33.02 | —35.18 | —17.07 | — 3.08 | + 5.93 | + 5.43 | + 2.70 |
| 27 | — 3.56 | —23.37 | —29.03 | —37.28 | —38.31 | —28.75 | —34.81 | —15.36 | — 0.74 | + 8.91 | + 3.98 | + 3.68 |
| 28 | — 7.43 | —26.73 | —23.97 | —33.17 | —38.35 | —30.97 | —33.63 | —18.41 | + 0.92 | + 9.50 | + 4.49 | + 3.48 |
| 29 | — 9.00 | —24.91 | —23.17 | —40.15 | —40.78 | | —32.91 | —19.71 | + 3.20 | + 8.22 | + 4.05 | + 5.90 |
| 30 | —10.42 | —26.60 | —24.71 | —46.46 | —40.42 | | —29.28 | —15.46 | — 0.17 | + 4.20 | + 4.05 | + 5.36 |
| 31 | | —25.22 | | —44.25 | —42.05 | | —25.71 | | + 1.74 | | + 3.33 | + 4.14 |
| Среднее Mittel | + 0.05 | —15.01 | —27.50 | —32.84 | —35.45 | —39.89 | —32.16 | —20.43 | — 7.75 | + 3.03 | + 6.98 | + 5.54 |

## Температура почвы на глубинѣ 0.4 м.—Bodentemperatur in 0.4 m. Tiefe.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | + 2.09 | — 2.33 | —11.37 | —15.88 | —23.16 | —24.19 | —22.65 | —21.34 | —15.95 | — 3.10 | + 0.70 | + 1.35 |
| 2 | + 2.55 | — 1.95 | —11.83 | —17.44 | —23.05 | —24.11 | —23.48 | —21.32 | —15.68 | — 3.02 | + 0.89 | + 1.22 |
| 3 | + 2.50 | — 1.42 | —12.93 | —17.77 | —21.86 | —23.25 | —22.93 | —21.57 | —15.29 | — 2.87 | + 1.34 | + 1.40 |
| 4 | + 2.16 | — 1.42 | —14.09 | —17.23 | —20.62 | —22.31 | —22.08 | —20.70 | —15.69 | — 2.79 | + 1.40 | + 1.82 |
| 5 | + 2.08 | — 1.60 | —14.41 | —16.60 | —20.34 | —23.08 | —22.11 | —20.35 | —15.60 | — 2.72 | + 1.43 | + 2.64 |
| 6 | + 2.07 | — 1.76 | —14.15 | —16.36 | —20.25 | —23.87 | —22.71 | —20.60 | —15.15 | — 2.64 | + 1.51 | + 2.97 |
| 7 | + 1.71 | — 1.90 | —14.25 | —15.53 | —19.64 | —24.73 | —23.31 | —20.28 | —14.82 | — 2.68 | + 2.09 | + 2.60 |
| 8 | + 1.35 | — 2.43 | ..... | —15.59 | —20.05 | —25.43 | —23.65 | —18.88 | —14.12 | — 2.83 | + 2.44 | + 2.18 |
| 9 | + 1.15 | — 2.75 | ..... | —15.45 | —20.01 | —26.13 | —23.63 | —17.87 | —13.79 | — 2.99 | + 2.53 | + 1.86 |
| 10 | + 1.00 | — 2.68 | —13.18 | —15.44 | —20.83 | —26.39 | —23.56 | —17.22 | —14.12 | — 3.28 | + 2.74 | + 2.01 |
| 11 | + 1.30 | — 2.43 | —13.75 | —17.73 | —21.54 | —26.53 | —23.21 | —18.35 | —14.75 | .... | + 2.65 | + 2.41 |
| 12 | + 1.34 | — 2.22 | —13.59 | —19.03 | —21.26 | —26.43 | —22.90 | —18.51 | —14.95 | .... | + 2.69 | + 2.47 |
| 13 | + 1.65 | — 2.20 | —13.27 | —18.33 | —21.01 | —26.09 | —23.10 | —18.00 | —14.59 | .... | + 2.24 | + 2.49 |
| 14 | + 2.23 | — 2.75 | —13.25 | —18.12 | —21.75 | —25.50 | —22.07 | —17.35 | —14.28 | .... | + 1.88 | + 2.73 |
| 15 | + 1.61 | — 3.81 | —13.55 | —18.78 | —22.65 | —24.31 | —20.70 | —16.78 | —13.77 | .... | + 1.78 | + 3.20 |
| 16 | + 1.28 | — 4.10 | —14.14 | —19.38 | —22.20 | —24.02 | —21.19 | —17.71 | —12.65 | — 1.44 | + 1.78 | + 3.29 |
| 17 | + 1.38 | — 3.96 | —14.96 | —19.45 | —21.17 | —24.60 | —22.08 | —17.81 | —11.74 | — 2.11 | + 2.61 | + 3.86 |
| 18 | + 1.13 | — 4.83 | —15.65 | —18.42 | —20.34 | —25.12 | —22.21 | —18.21 | —11.69 | — 2.18 | + 3.56 | + 2.77 |
| 19 | + 0.79 | — 5.55 | —15.01 | —17.33 | —20.40 | —25.51 | —22.12 | —18.31 | —11.59 | — 1.95 | + 3.51 | + 1.85 |
| 20 | + 0.35 | — 5.55 | —16.22 | —17.01 | —20.67 | —25.59 | —22.28 | —18.48 | —11.34 | — 1.57 | + 3.70 | + 1.32 |
| 21 | + 0.21 | — 5.64 | —16.46 | —18.08 | —20.71 | —25.88 | —22.62 | —18.15 | ..... | — 1.14 | + 3.70 | + 1.37 |
| 22 | + 0.09 | — 5.76 | —16.03 | —18.69 | —21.62 | —26.12 | —22.57 | —18.05 | ..... | — 1.00 | + 3.58 | + 1.69 |
| 23 | + 0.01 | — 8.26 | —16.20 | —18.91 | —22.35 | —25.31 | —22.18 | —18.42 | ..... | — 0.92 | + 3.75 | + 1.80 |
| 24 | — 0.19 | — 8.65 | —16.65 | —19.71 | —22.74 | —24.17 | —22.25 | —18.06 | —10.10 | — 1.05 | + 4.33 | + 1.78 |
| 25 | — 0.18 | — 8.26 | —16.83 | —20.06 | —22.58 | —23.68 | —22.06 | —17.82 | —10.60 | — 0.37 | + 4.20 | + 1.34 |
| 26 | — 0.12 | — 9.14 | —17.65 | —19.84 | —22.81 | —23.37 | —22.52 | —17.83 | — 9.73 | + 1.24 | + 3.08 | + 1.11 |
| 27 | — 0.12 | — 9.76 | —17.58 | —20.44 | —22.93 | —22.88 | —23.05 | —16.75 | — 8.88 | + 1.13 | + 2.34 | + 1.14 |
| 28 | — 0.48 | —10.18 | —16.69 | —20.16 | —23.15 | —22.65 | —23.10 | —16.55 | .... | + 1.32 | + 1.90 | + 1.33 |
| 29 | — 1.05 | —10.93 | —15.56 | —20.31 | —23.28 | | —22.98 | —16.88 | .... | + 1.53 | + 1.76 | + 1.54 |
| 30 | — 1.80 | —11.02 | —15.15 | —21.89 | —23.48 | | —22.74 | —16.73 | .... | + 0.95 | + 1.67 | + 1.97 |
| 31 | | —11.43 | | —22.79 | —23.76 | | —22.01 | | .... | | + 1.58 | + 2.08 |
| Среднее Mittel | + 0.94 | — 5.09 | —14.79 | —18.31 | —21.68 | —24.69 | —22.58 | —18.50 | —13.37 | — 1.46 | + 2.43 | + 2.05 |

# САГАСТЫРЪ.

## ПРОДОЛЖИТЕЛЬНОСТЬ ВѢТРОВЪ И СРЕДНЯЯ ИХЪ СКОРОСТЬ.

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# SSAGASTYR.

## DAUER UND MITTLERE GESCHWINDIGKEIT DER WINDE.

## Продолжительность вѣтровъ. — Dauer der Winde.

| Мѣсяцы. | | N | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Сентябрь | 6 | 15 | 19 | 17 | 22 | 33 | 13 | 42 | 47 | 24 | 64 | 93 | 128 | 108 | 35 | 40 | 14 |
| Октябрь | 1 | 0 | 0 | 6 | 41 | 130 | 70 | 42 | 36 | 47 | 56 | 85 | 34 | 90 | 86 | 18 | 2 |
| Ноябрь | 17 | 37 | 26 | 27 | 23 | 10 | 14 | 25 | 28 | 85 | 136 | 55 | 21 | 100 | 55 | 42 | 19 |
| Декабрь | 37 | 12 | 14 | 25 | 23 | 3 | 2 | 20 | 37 | 108 | 90 | 98 | 43 | 29 | 76 | 113 | 14 |
| Январь | 16 | 6 | 1 | 21 | 17 | 34 | 62 | 125 | 66 | 142 | 71 | 91 | 43 | 33 | 6 | 10 | 0 |
| Февраль | 46 | 1 | 0 | 1 | 6 | 45 | 114 | 89 | 26 | 149 | 83 | 50 | 11 | 21 | 11 | 9 | 10 |
| Мартъ | 6 | 1 | 5 | 1 | 23 | 108 | 63 | 102 | 93 | 70 | 35 | 22 | 31 | 128 | 26 | 28 | 2 |
| Апрѣль | 2 | 14 | 0 | 22 | 88 | 171 | 40 | 48 | 8 | 18 | 13 | 59 | 33 | 117 | 43 | 25 | 19 |
| Май | 3 | 20 | 10 | 34 | 20 | 167 | 84 | 46 | 31 | 35 | 19 | 30 | 37 | 89 | 60 | 38 | 21 |
| Іюнь | 2 | 3 | 22 | 57 | 28 | 158 | 118 | 98 | 22 | 53 | 18 | 18 | 17 | 39 | 26 | 40 | 1 |
| Іюль | 0 | 73 | 41 | 99 | 73 | 147 | 184 | 39 | 4 | 1 | 1 | 1 | 0 | 1 | 4 | 30 | 46 |
| Августъ | 4 | 16 | 23 | 28 | 79 | 125 | 103 | 32 | 29 | 35 | 19 | 44 | 38 | 62 | 42 | 47 | 18 |
| Осень | 24 | 52 | 45 | 50 | 86 | 173 | 97 | 109 | 111 | 156 | 256 | 233 | 183 | 298 | 176 | 100 | 35 |
| Зима | 99 | 19 | 15 | 47 | 46 | 82 | 178 | 234 | 129 | 399 | 244 | 239 | 97 | 83 | 93 | 132 | 24 |
| Весна | 11 | 35 | 15 | 57 | 131 | 446 | 187 | 196 | 132 | 123 | 67 | 111 | 101 | 334 | 129 | 91 | 42 |
| Лѣто | 6 | 92 | 86 | 184 | 180 | 430 | 405 | 169 | 55 | 89 | 38 | 63 | 55 | 102 | 72 | 117 | 65 |
| Годъ | 140 | 198 | 161 | 338 | 443 | 1131 | 867 | 708 | 427 | 767 | 605 | 646 | 436 | 817 | 470 | 440 | 166 |



## Средняя скорость вѣтра. — Mittlere Windgeschwindigkeit.

| N | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW | Monate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.9 | 5.6 | 5.5 | 6.6 | 7.2 | 5.7 | 5.2 | 5.6 | 4.6 | 4.5 | 7.5 | 8.1 | 8.8 | 6.0 | 6.2 | 5.4 | September. |
| 0 | 0 | 3.2 | 4.2 | 7.9 | 8.1 | 4.8 | 4.6 | 5.8 | 9.2 | 7.1 | 4.9 | 8.1 | 3.5 | 3.8 | 4.5 | October. |
| 2.7 | 2.9 | 3.7 | 5.0 | 6.6 | 8.4 | 5.3 | 8.4 | 7.9 | 5.8 | 5.7 | 4.4 | 6.5 | 6.8 | 5.6 | 3.2 | November. |
| 3.7 | 2.9 | 3.2 | 3.3 | 5.7 | 2.0 | 2.5 | 2.9 | 5.5 | 6.7 | 7.8 | 6.8 | 6.3 | 5.6 | 5.2 | 2.1 | December. |
| 1.7 | 2.0 | 3.3 | 3.3 | 3.2 | 2.8 | 4.3 | 4.0 | 5.7 | 6.2 | 4.2 | 5.2 | 3.7 | 1.5 | 2.5 | 0 | Januar. |
| 3.0 | 0 | 3.0 | 2.3 | 3.1 | 3.0 | 4.1 | 5.1 | 7.8 | 6.7 | 4.4 | 7.1 | 6.7 | 9.7 | 6.9 | 3.4 | Februar |
| 2.0 | 4.0 | 4.0 | 5.8 | 5.3 | 4.8 | 3.7 | 4.7 | 5.5 | 3.1 | 3.0 | 4.3 | 5.1 | 5.7 | 5.2 | 3.0 | März. |
| 5.6 | 0 | 5.1 | 5.9 | 7.0 | 5.2 | 3.4 | 2.8 | 2.9 | 3.2 | 4.0 | 3.7 | 6.0 | 7.8 | 5.8 | 4.9 | April. |
| 5.8 | 4.7 | 6.5 | 6.8 | 8.8 | 10.0 | 4.9 | 5.3 | 8.1 | 5.3 | 5.7 | 5.7 | 5.6 | 5.1 | 6.3 | 6.1 | Mai. |
| 3.7 | 4.9 | 5.4 | 5.1 | 8.4 | 9.2 | 7.6 | 4.9 | 5.8 | 3.9 | 3.8 | 3.9 | 4.8 | 4.7 | 5.7 | 8.0 | Juni. |
| 5.5 | 7.1 | 7.8 | 8.3 | 10.1 | 11.8 | 9.6 | 7.5 | 4.0 | 3.0 | 4.0 | 0 | 6.0 | 3.8 | 5.5 | 6.6 | Juli. |
| 5.2 | 7.1 | 7.2 | 7.4 | 8.6 | 9.6 | 6.1 | 4.2 | 3.7 | 3.7 | 5.1 | 7.5 | 5.6 | 6.1 | 7.4 | 7.2 | August. |
| 1.9 | 2.8 | 4.1 | 5.3 | 7.2 | 7.4 | 5.1 | 6.2 | 6.1 | 6.5 | 6.8 | 5.8 | 7.8 | 5.4 | 5.2 | 4.4 | Herbst. |
| 2.8 | 1.6 | 3.2 | 3.0 | 4.0 | 2.6 | 3.6 | 4.0 | 6.3 | 6.5 | 5.5 | 6.4 | 5.6 | 5.6 | 4.9 | 1.8 | Winter. |
| 4.5 | 2.9 | 5.2 | 6.2 | 7.0 | 6.7 | 4.0 | 4.3 | 5.5 | 3.9 | 4.2 | 4.6 | 5.6 | 6.2 | 5.8 | 4.7 | Frühling. |
| 4.8 | 6.4 | 6.8 | 6.9 | 9.0 | 10.2 | 7.8 | 5.5 | 4.5 | 3.5 | 4.3 | 3.8 | 5.5 | 4.9 | 6.2 | 7.3 | Sommer. |
| 3.5 | 3.4 | 4.8 | 5.4 | 6.8 | 6.7 | 5.1 | 5.0 | 5.6 | 5.1 | 5.2 | 5.1 | 6.1 | 5.5 | 5.5 | 4.6 | Jahr. |

# САГАСТЫРЪ.

# МѢСЯЧНЫЯ СРЕДНІЯ.

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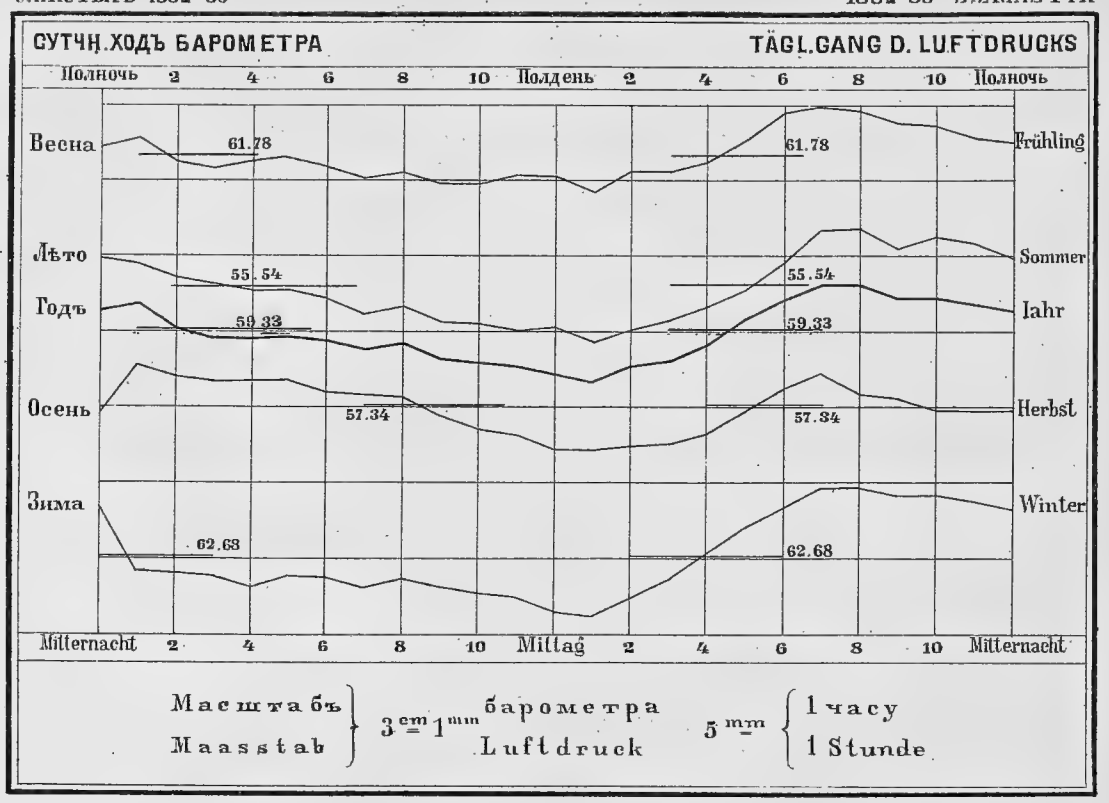
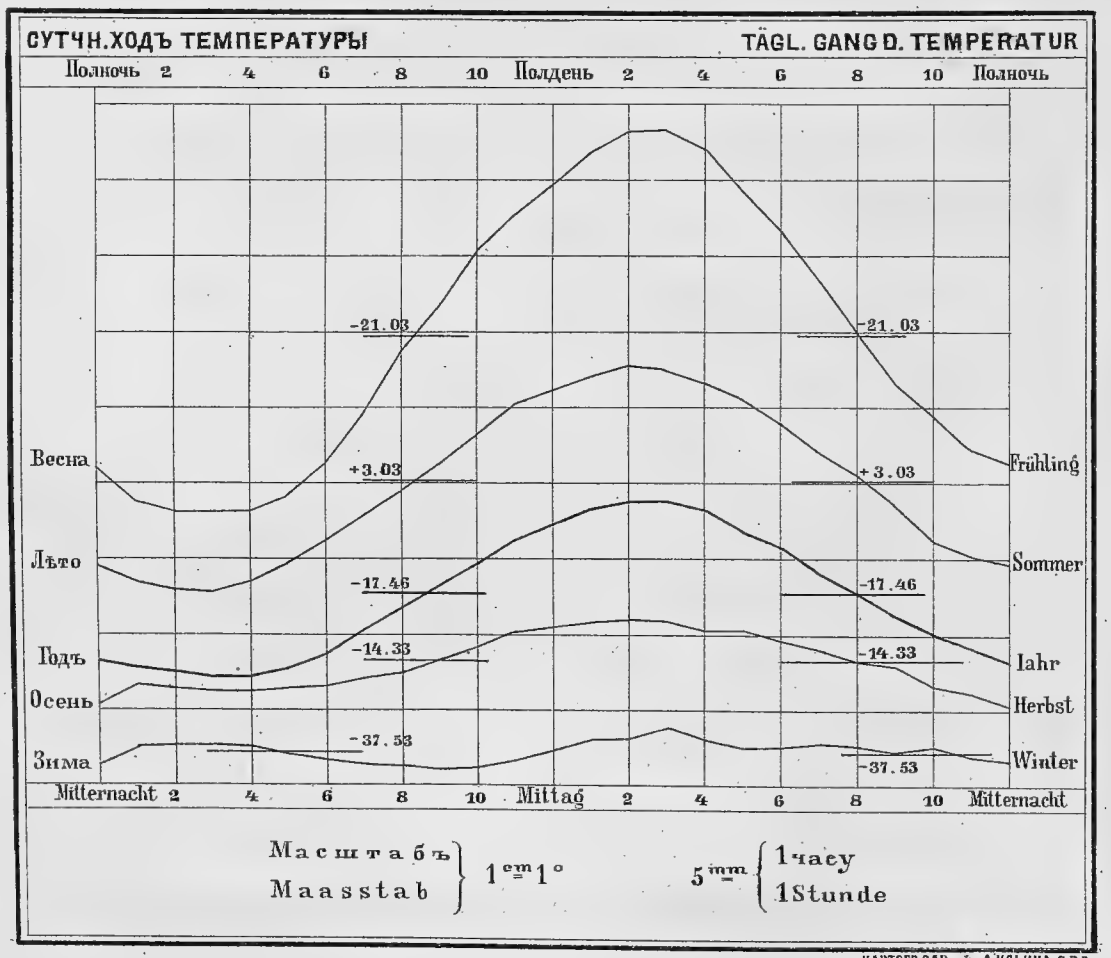
# SSAGASTYR.

# MONATSMITTEL.

| | Сентябрь 1882 September. | Октябрь 1882 October. | Ноябрь 1882 November. | Декабрь 1882 December. | Январь 1883 Januar. | Февраль 1883 Februar. | Мартъ 1883 März. | Апрѣль 1883 April. | Май 1883 Mai. | Іюнь 1883 Juni. | Іюль 1883 Juli. | Августъ 1883 August. | Годъ. Jahr. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Барометръ | 753.91 | 759.35 | 758.75 | 761.68 | 761.47 | 764.88 | 763.94 | 765.79 | 755.62 | 752.33 | 757.83 | 756.45 | 759.33 | Luftdruck. |
| Температура воздуха | + 0.06 | —15.15 | —27.89 | —33.64 | —36.93 | —42.01 | —33.30 | —20.97 | — 8.81 | + 0.70 | + 4.91 | + 3.48 | — 17.46 | Temperatur der Luft. |
| Упругость паровъ | 4.27 | 1.47 | 0.43 | 0.27 | 0.19 | 0.11 | 0.26 | 0.80 | 2.33 | 4.55 | 6.00 | 5.35 | 2.17 | Spannkraft des Wasserdampfes. |
| Относительная влажность | 89.0 | 89.6 | 87.3 | 81.9 | 83.2 | 80.7 | 83.6 | 86.9 | 91.4 | 91.9 | 92.2 | 90.5 | 87.3 | Relative Feuchtigkeit. |
| Скорость вѣтра | 6.7 | 6.5 | 5.6 | 5.3 | 4.3 | 5.0 | 4.7 | 5.6 | 6.9 | 6.8 | 8.9 | 7.0 | 6.1 | Geschwindigkeit des Windes. |
| Облачность | 9.0 | 7.2 | 6.0 | 5.1 | 3.7 | 2.6 | 3.3 | 5.2 | 8.6 | 8.4 | 7.6 | 8.5 | 6.3 | Bewölkung. |
| Количество осадковъ | 13.3 | 3.3 | 2.9 | 5.7 | 1.1 | 0.3 | 0.2 | 0.0 | 6.7 | 18.0 | 6.9 | 35.9 | 34.3 | Niederschlagsmenge. |
| Температура на поверхности снѣга | — | — | —29.59 | —36.33 | —38.34 | —43.85 | —34.83 | —21.00 | — 7.57 | — | — | — | — | Temperatur an d. Schneeoberfl. |
| Температура на поверхности земли | + 0.05 | —15.01 | —27.50 | —32.84 | —35.45 | —39.89 | —32.16 | — 20.43 | — 7.75 | + 3.03 | + 6.98 | + 5.54 | — 16.29 | Temperatur der Erdoberfläche. |
| Температура въ глубинѣ 0,4 м. | + 0.94 | — 5.09 | —14.79 | —18.31 | —21.68 | —24.69 | —22.58 | —18.50 | —13.37 | —1.46 | + 2.43 | + 2.05 | —11.25 | Bodentemperatur in 0.4 m. Tiefe. |
| Температура въ глубинѣ 0.8 м. | + 0.41 | — 1.24 | — 9.74 | —14.12 | —17.21 | —20.05 | —19.65 | —17.65 | —13.86 | — | — | — 0.04 | — | Bodentemperatur in 0.8 m. Tiefe. |
| Температура въ глубинѣ 1.6 м. | — 0.86 | — 1.04 | — 5.99 | —10.73 | —13.31 | —15.64 | —16.93 | —16.67 | —15.11 | — | — | — 1.80 | — | Bodentemperatur in 1.6 m. Tiefe. |

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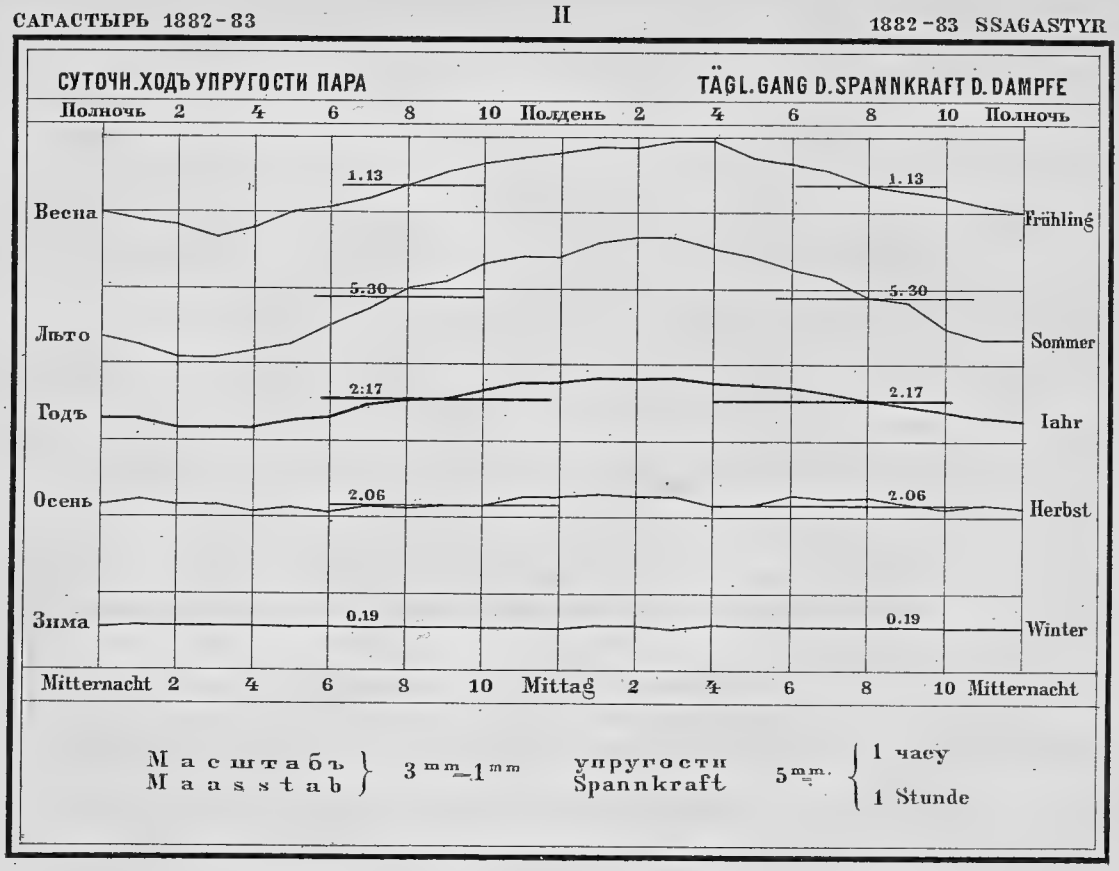


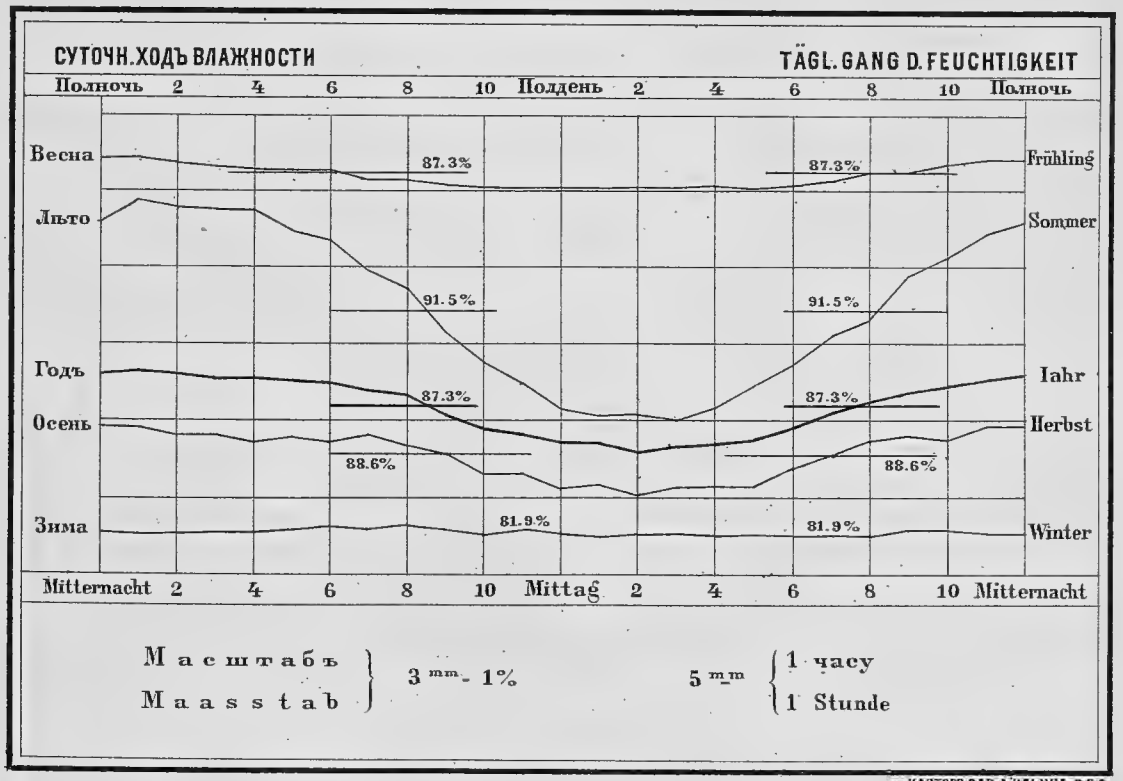


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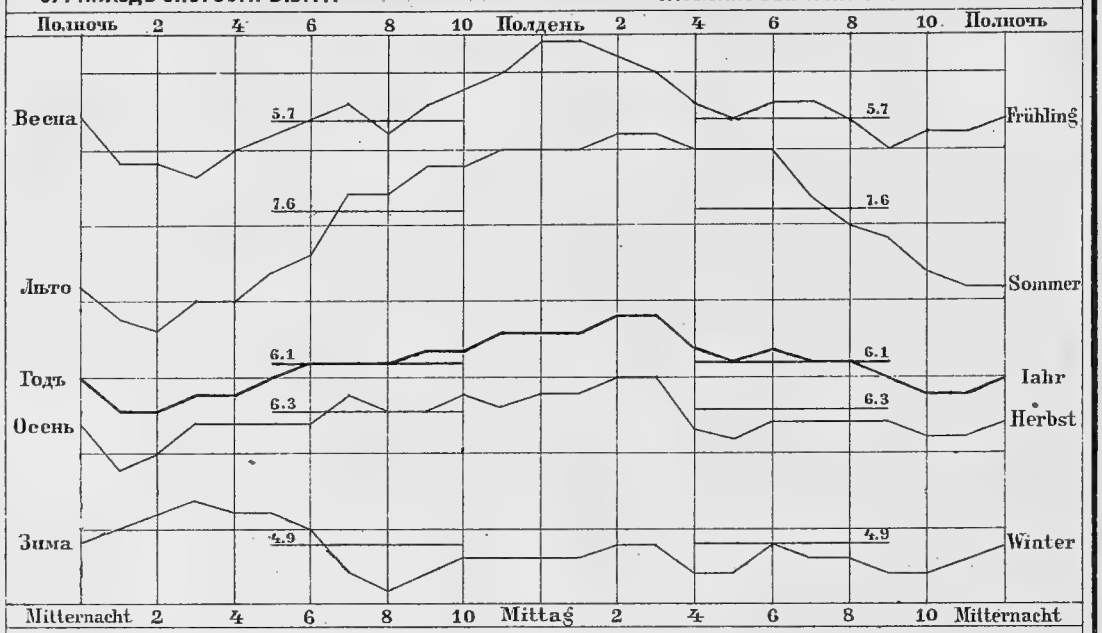
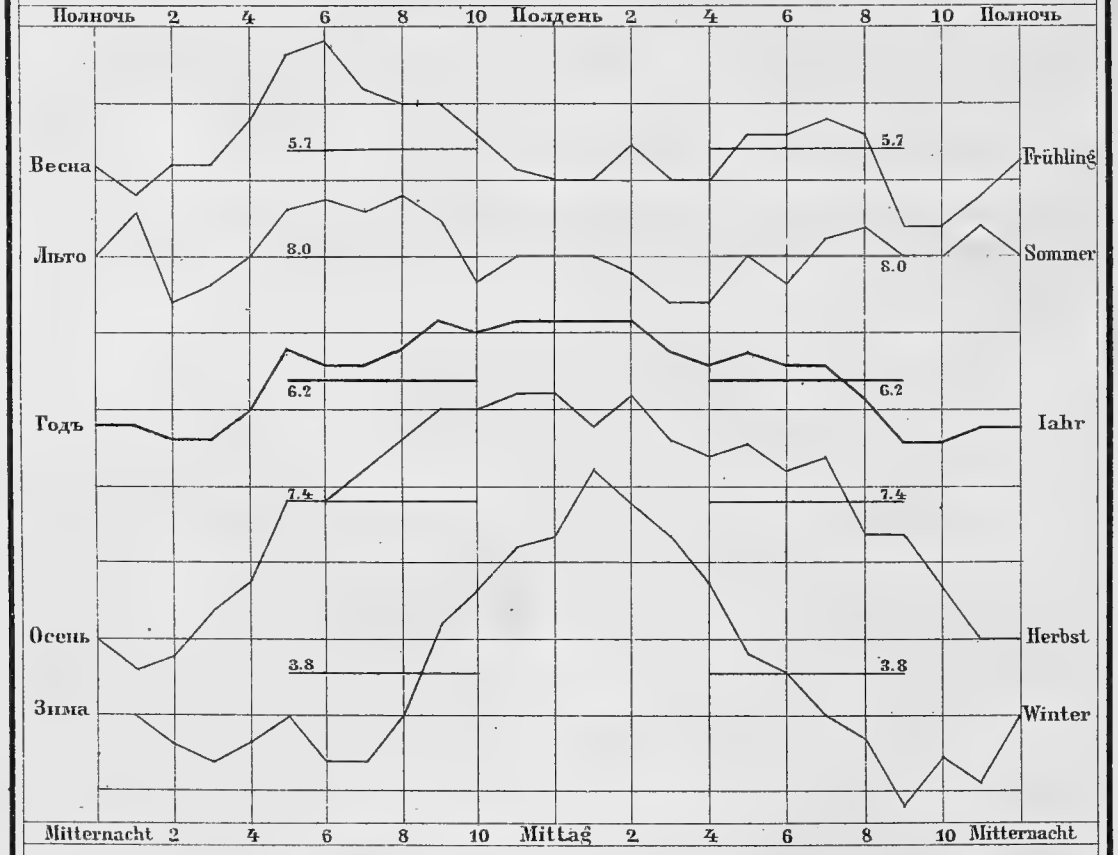
## СУТЧН. ХОДЪ СКОРОСТИ ВѢТРА — TÄGL. GANG DER WINDGESCHWINDIGKEIT




Масштабъ / Maasstab } 1 cm = 2 m скорости / Geschwindgkt 5 mm { 1 Часу / 1 Stunde

## СУТЧН. ХОДЪ ОБЛАЧНОСТИ — TAGL. GANG DER BEWÖLKUNG




Масштабъ / Maasstab } 5 cm = 1 Облачности / Bewölkung 5 mm { 1 Часу / 1 Stunde

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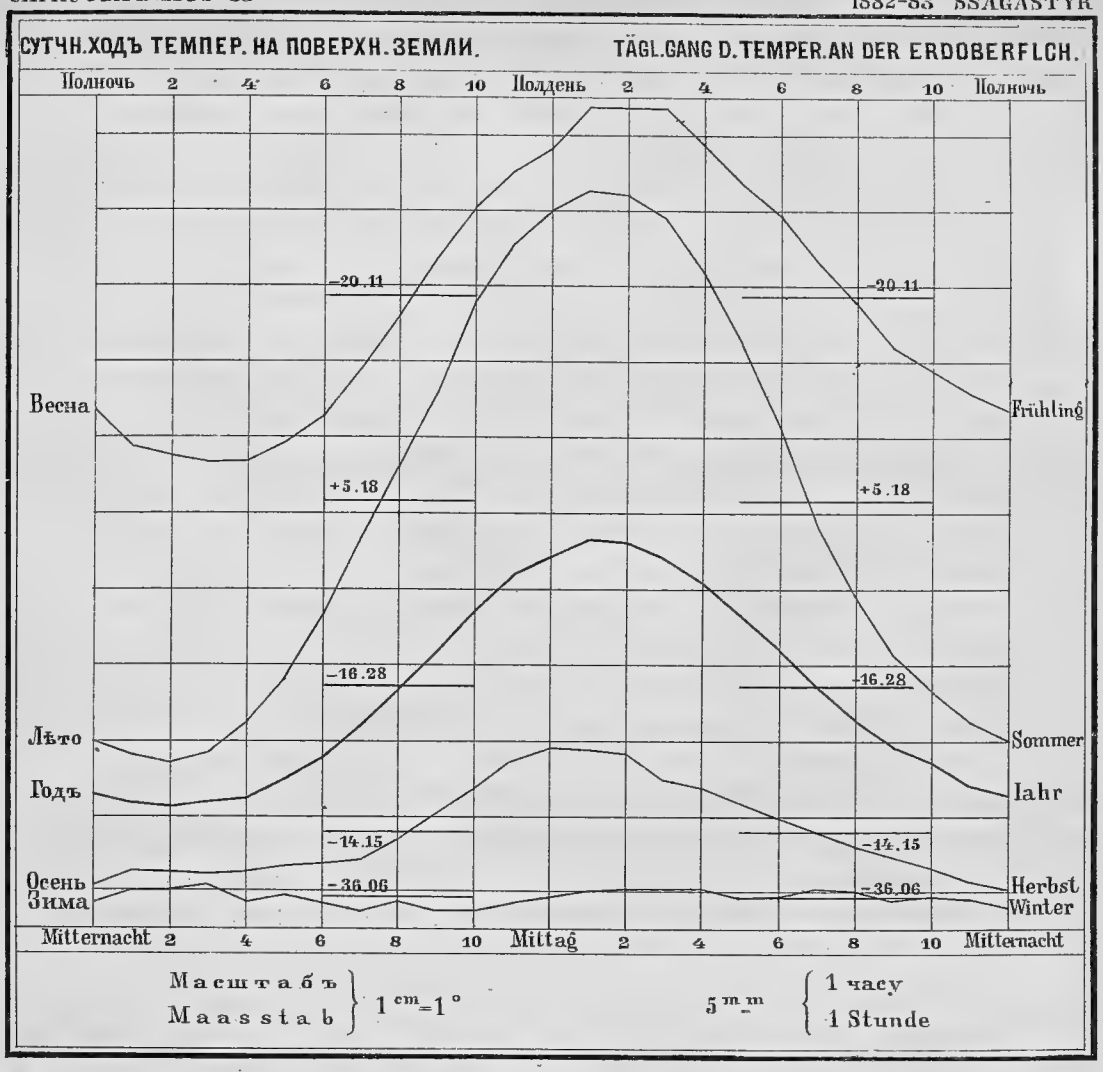


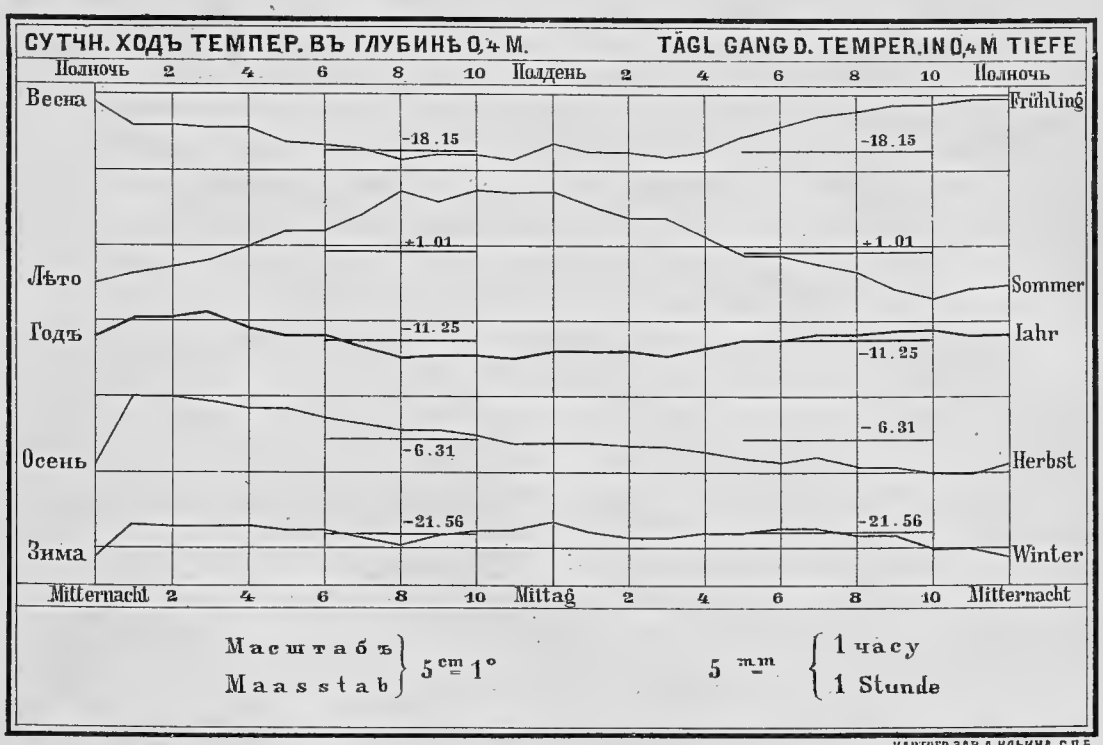


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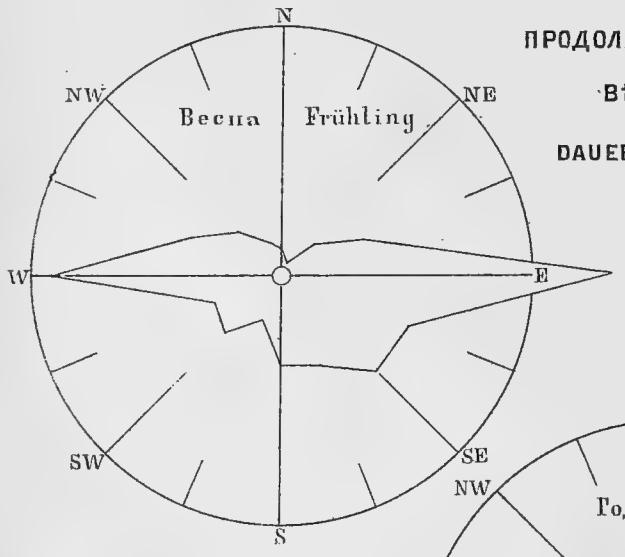
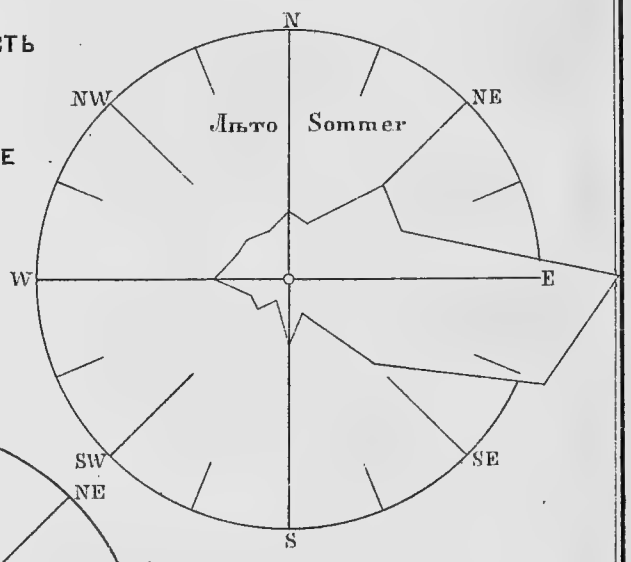
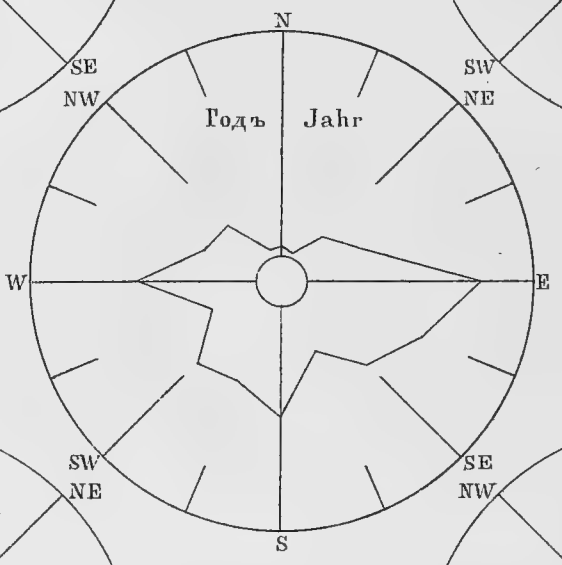
# ПРОДОЛЖИТЕЛЬНОСТЬ ВѢТРОВЪ. DAUER DER WINDE

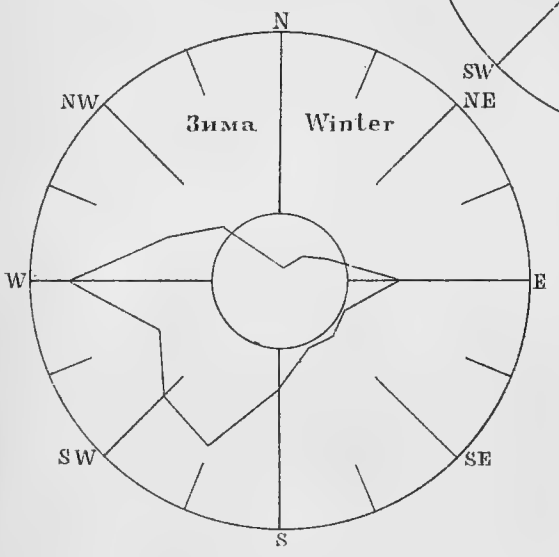


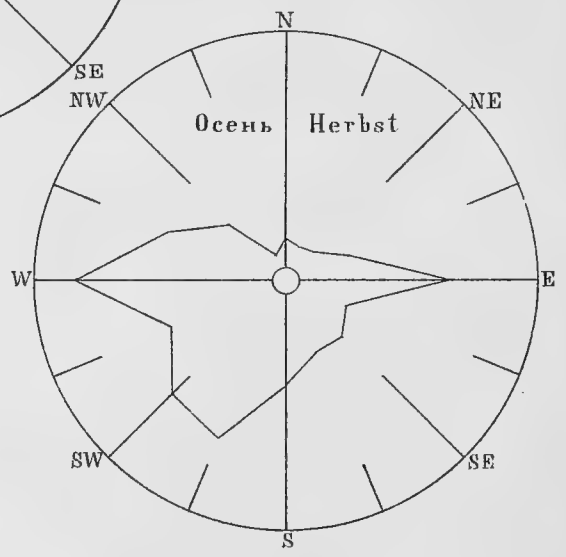




*Вѣтры дуютъ къ центру*

*Die Winde wehen zum Centrum*




Масштабъ / Maasstab } 2 mm = 1%

Внутренніе круги обозначаютъ безвѣтріе

Die inneren Kreise bedeuten Windstille

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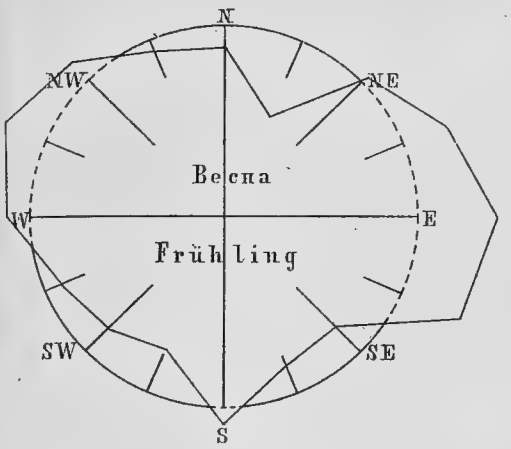
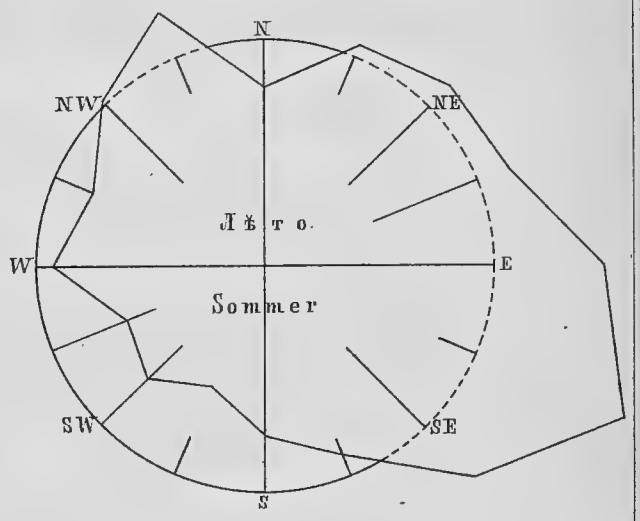
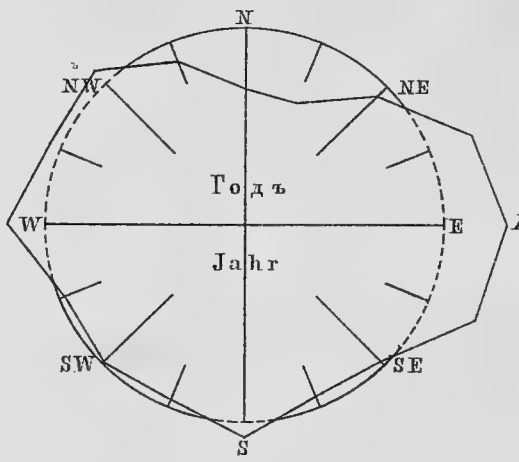
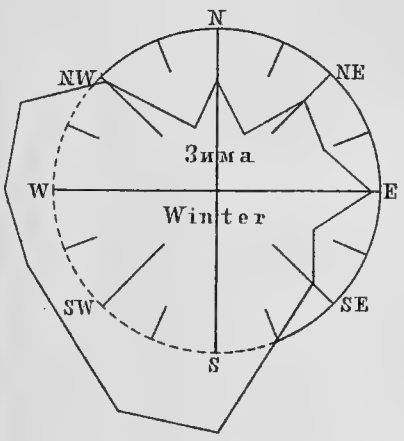
## СКОРОСТЬ ВѢТРОВЪ WINDGESCHWINDIGKEIT

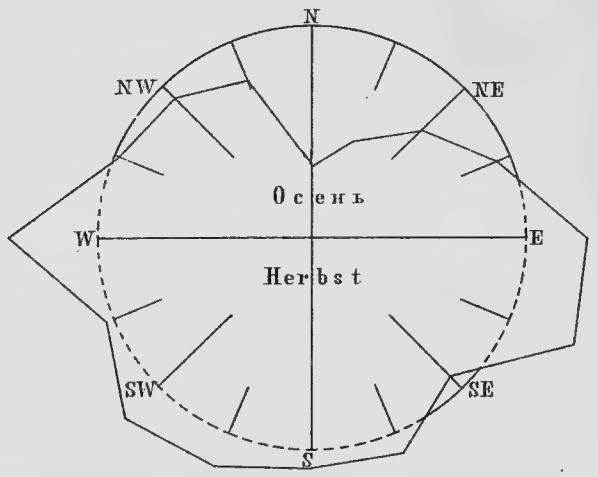



*Вѣтры дуютъ къ центру* *Die Winde wehen zum Centrum*




Масштабъ / Maafsstab } 1 cm = 2 m

Круги означаютъ среднюю скорость
Die Kreise bezeichnen mittlere Geschwindigkeit

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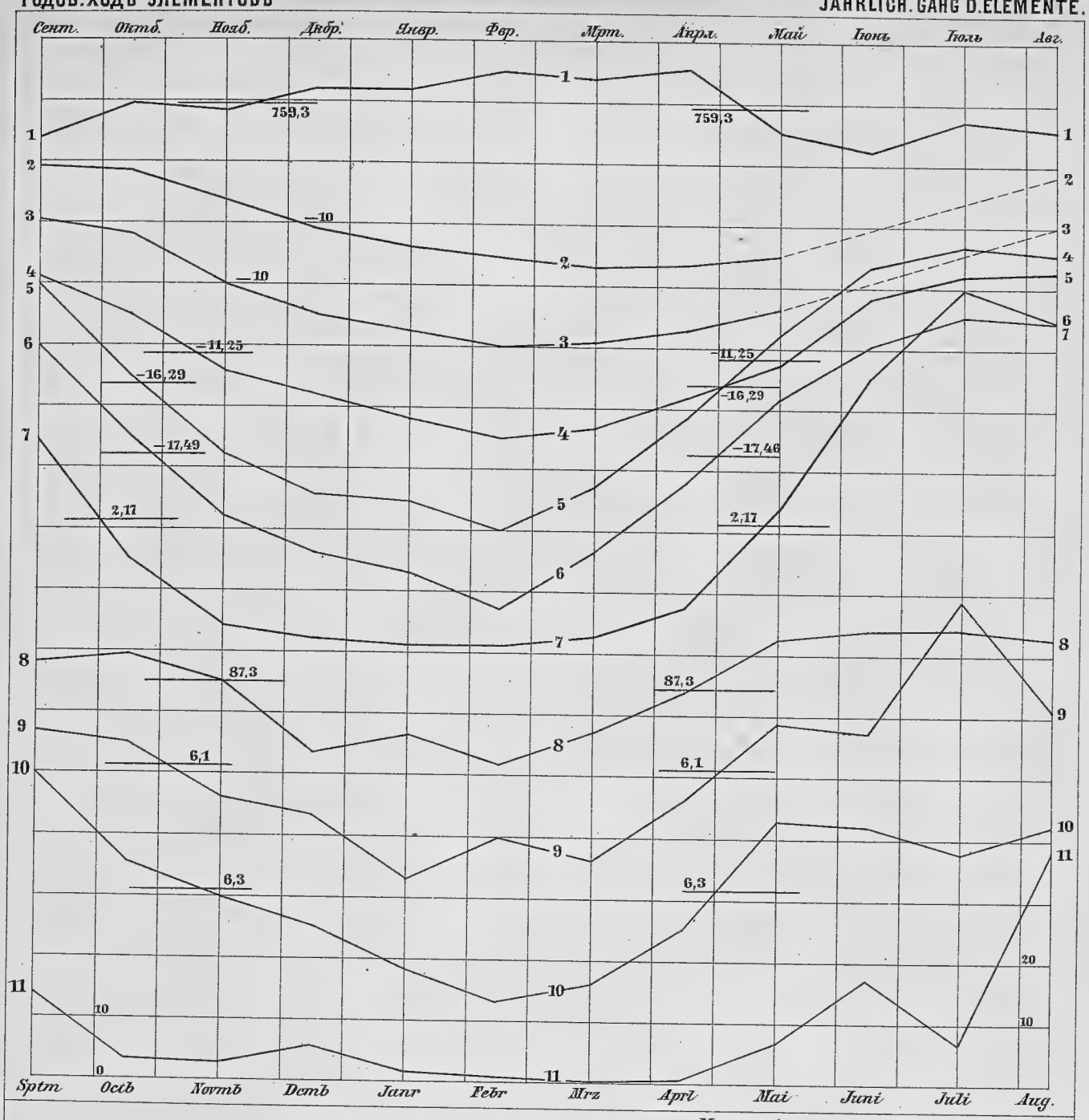
ГОДОВ. ХОДЪ ЭЛЕМЕНТОВЪ

JÄHRLICH. GANG D. ELEMENTE.




| | | | |
|---|---|---|---|
| Высота барометра | 1 | Luftdruck | 1 cm = 1 mm |
| Температ. въ 1,6 м. глуб. | 2 | Tempr. in 1,6 m. Tiefe | 1 cm = 10 ° |
| " " 0,8 " " | 3 | " 0,8 " " | |
| " " 0,4 " " | 4 | " 0,4 " " | |
| " поверхност. | 5 | " an d. Erdoberflch | |
| " воздуха | 6 | " der Luft | |
| Упругость водн. прв | 7 | Spannkrft d. Dampfes | 1 cm = 1 mm |
| Влажность | 8 | Relative Feuchtigkt | 1 cm = 5 % |
| Скорость вѣтровъ | 9 | Windgeschwindigkt | 1 cm = 10 m |
| Облачность | 10 | Bewölkung | 1 cm = 1 |
| Осадки | 11 | Niederschläge | 1 cm = 10 mm |

Масштабъ Maasstab.

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## Изъясненіе:

A *Жилой домъ. Въ немъ:*
1 *Офицерское помѣщеніе.*
2 *Помѣщеніе для нижнихъ чиновъ.*
3 ——— — — *дежурнаго наблюдателя.*
4 *Прихожая.*
5 *Кухня.*
6 *Кладовая.*
7, 8 *Пристройка для помѣщенія запасовъ провизіи.*
9 *Холодный корридоръ.*
B *Термометрическая клѣтка.*
C *Юрта съ приборами Эдельмана.*
D ——— ——— *Купфера.*
E, F *Юрты для опредѣленія абсолютныхъ величинъ элементовъ земнаго магнетизма.*
G *Астрономическая будка.*
H *Керосинный магазинъ.*
I *Баня.*
K *Ледникъ.*
L *Почвенные термометры 1883-84 г.*
M *Флюгеръ.*
N *Дождемѣръ.*
O *Мишени.*
T *Будка для ѣздовыхъ собакъ.*
Q *Галлерея.*

## Erklärung der Zeichen:

A *Wohnhaus:*
1 *Zimmer der Expeditionsmitglieder.*
2 ——— *für das Dienstpersonal.*
3 ——— *des dejourirenden Beobachters.*
4 *Vorzimmer.*
5 *Küche.*
6 *Vorrathskammer.*
7, 8 *Lager von Provisionen.*
9 *Kaltes Vorhaus.*
B *Thermometerhütte.*
C *Hütte für Edelmann, sehe Variationsapparate.*
D ——— *Kupfersehe* ——— ———
E, F *Hütten für absolute erdmagnetische Messungen.*
G *Astronomische Hütte.*
H *Lager von Petroleum.*
I *Badehaus.*
K *Eiskeller.*
L *Bodenthermometer 1883-84.*
M *Windfahne.*
N *Pluviometer.*
O *Mirea.*
T *Hütte für Fahrhunde.*
Q *Verbindungsgallerie.*

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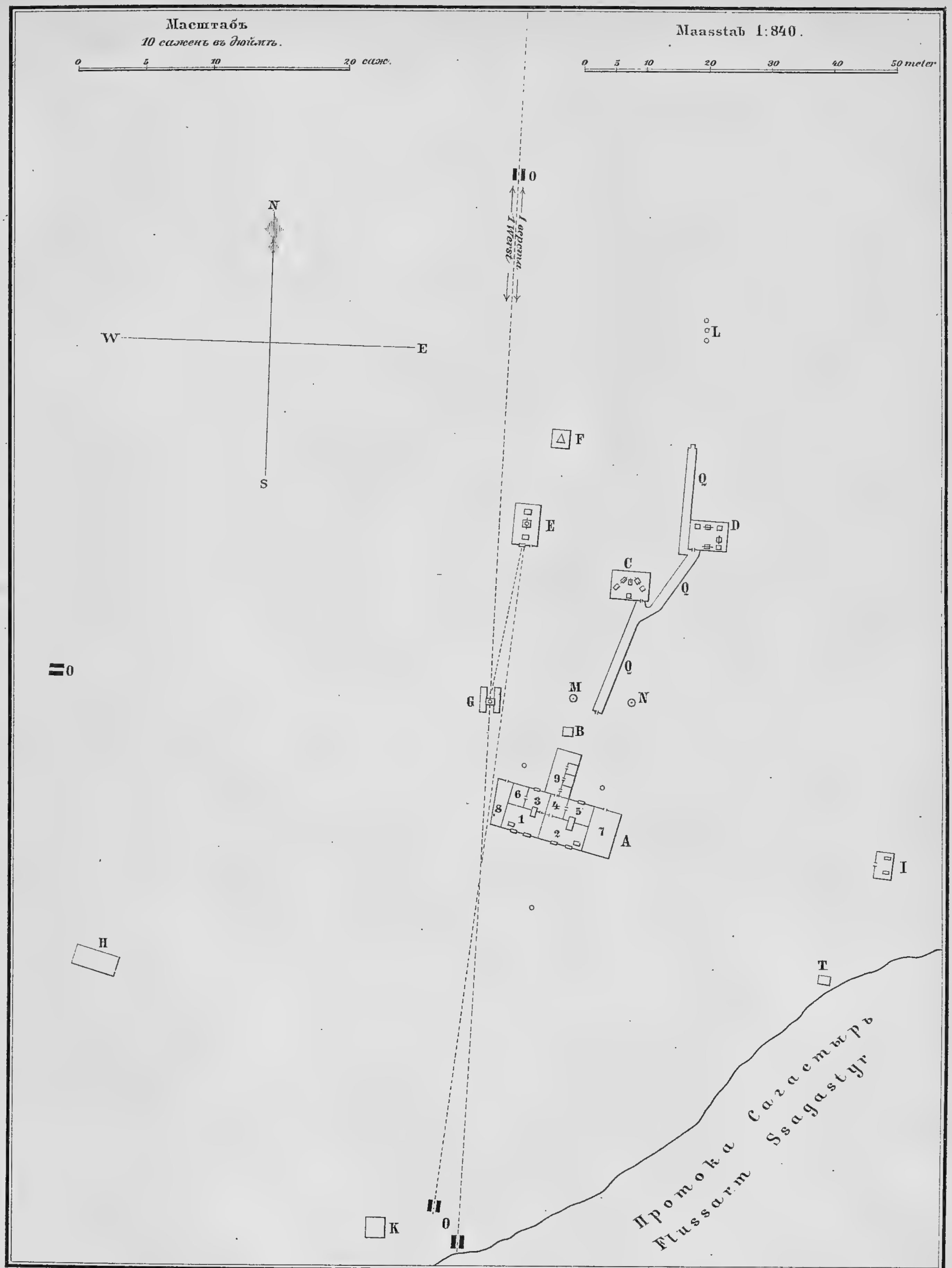


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ПРЕДВАРИТЕЛЬНАЯ КАРТА

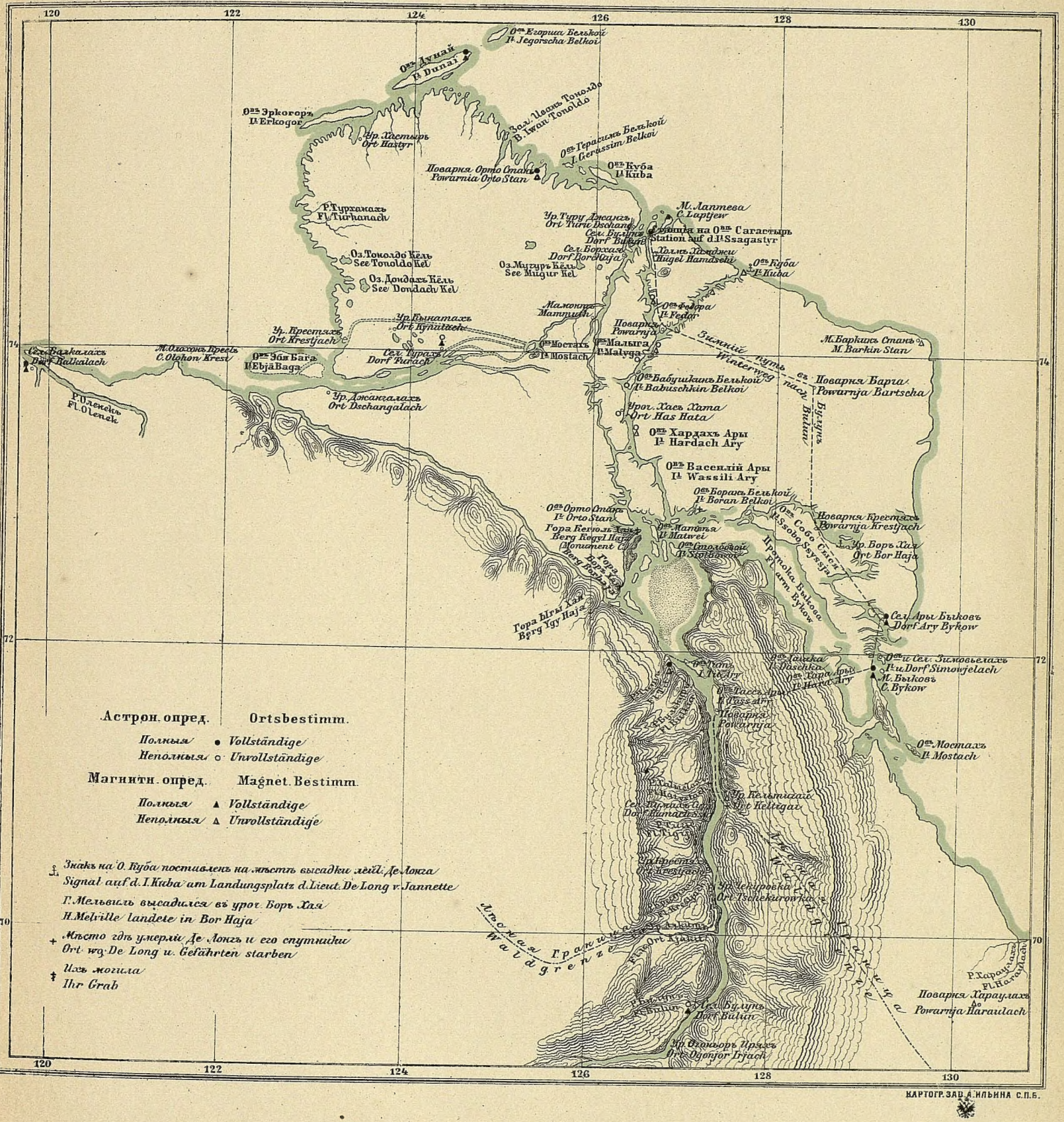
# ДЕЛЬТЫ РѢКИ ЛЕНЫ

Составлена Ленской экспедиціей.

VORLÄUFIGE KARTE

# DES LENADELTA

Zusammengestellt von der Lena-Expedition.

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